

OLDS' SEEDS

field, flower
and garden

1955

our 68th year

MADISON 1, WISCONSIN

Bouquet of Blaze Zinnia
No. 1352. Pkt. 15c, 2 for 25c

Field of Pampas Plume
Mixed Celosia
No. 908. Pkt. 15c, 2 for 25c





Red Rich Everbearing Strawberry.

SENSATIONAL RED RICH EVERBEARING STRAWBERRY

RED RICH. (Plant patent No. 993.) The outstanding Everbearing of our time. The biggest, reddest and sweetest berries you ever saw and an Everbearer which is really everbearing. The berries are big, solid and firm clear through. Ripens evenly and possesses an abundance of natural sugar. It is a perfect variety for freezing as berries will not mush up when thawed. The first season you will get a pint per plant of luscious red rich strawberries under proper growing conditions, and they will double their yield the second year. Planted this spring they will bear in June and all through the summer into the fall. The plants are very large and about double the size of other everbearers. It took 15,000 seedlings and 15 years of hybridizing to develop this variety. **Prices:** By mail, 12 plants, \$2.95; 25 plants, \$5.00; 50 plants, \$8.50; 100 plants, \$15.00, postpaid.



Chipman's Red Rhubarb.

ALL RED RHUBARB

398R. CHIPMAN'S RED. Sweetest and best of all the red rhubarbs. Bright red all the way through, even up through the leaf ribs. Does not lose its color in cooking. Hardy, vigorous grower. Seldom seeds so it must be propagated by the roots. **Prices, giant roots:** Each, 60c; 3 for \$1.65; 6 for \$3.10, postpaid.

EARLY RASPBERRY

SUNRISE. Originated by the U. S. Department of Agriculture in 1923. Bred for hardiness, resistance to disease, and earliness. It will bear ten days to two weeks ahead of Latham and will bear right on through with Latham. It is quite resistant to anthracnose, leafspot, and spur blight. Very attractive, bright red in color, turning dark red on ripening. Berries are firm, fine texture, juicy, mild in flavor, and they pick easily. Extend your raspberry season with a planting of Sunrise. **Prices, No. 1, two-year stock:** 12 for \$3.50; 25 for \$6.25; 50 for \$10.50, postpaid. By express f. o. b. Madison: 100 for \$16.90.



Early Sunrise Raspberry.

HARDY PEAR

PARKER. A variety of pear developed in Minnesota for the colder section of the Northwest. The fruit is medium size, attractive in appearance, and of very high quality. The color is clear yellow with a pink blush. Flesh is tender, medium grained, and juicy. The tree is large, vigorous, and hardy. **Prices (4 to 5-foot trees)** by mail postpaid, Well branched. Each, \$2.25; 3 for \$5.90.

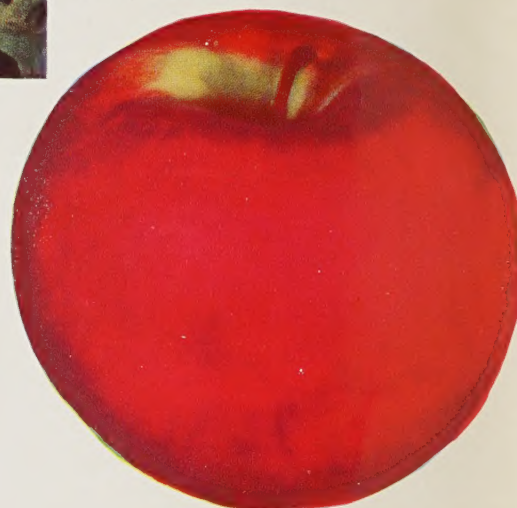
SEE PAGES 32 AND 33
FOR COMPLETE LISTINGS
OF FRUITS.



Haralson Apple.

HARDY WINTER APPLE

HARALSON. Originated at the Minnesota Fruit Breeding Farm. Tree upright and a vigorous grower. Fruit large, even red, fine grained, tender, juicy sub-acid and fine quality. Keeps until spring. Best winter variety for the North. **Prices:** 4 to 5-foot, by mail postpaid. Each, \$2.10; 3 for \$5.65.



Fireside Apple.

HARDY WINTER APPLE

FIRESIDE. (Minnesota No. 993.) A medium to large long-keeping winter apple that was given the rating of the highest quality apple produced by the Minnesota Fruit Breeding Farm. The flesh is crisp, firm, and juicy, and the flavor is rich sub-acid, almost sweet like a Delicious. It does not develop the dry characteristics which most highly flavored apples do at the close of the season. An excellent home orchard variety that is hardy throughout Wisconsin. **Prices, 4 to 5-foot trees, by mail postpaid. Each, \$2.10; 3 for \$5.65.**



Parker Pear.

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges, or by parcel post if postage is included in your remittance.

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE.

| BEANS. | | | | CARROT. | | | | ONION SETS. | | | |
|--------|---|--------------------------|----------------|---------|--------------------------------|-----------------------|--|-------------|-----------|--|--|
| No. | 5 lbs. at 10 lb. rate and 50 lbs. at 100 lb. rate | 10 lbs. 25 lbs. 100 lbs. | | No. | 1/2 lb. Lb. 5 lbs. | | | No. | Bu. 5 bu. | | |
| 10 | Michelle Navy | \$1.80 | \$4.25 \$16.00 | 100 | Danver's Half Long | \$0.90 \$1.70 \$7.00 | | | | | |
| 11 | Plentiful | 2.70 | 6.50 25.00 | 101 | Imperial | 1.05 1.95 8.25 | | | | | |
| 12 | Round Pod Kidney | 3.00 | 7.25 28.00 | 102 | Long Orange | .95 1.65 6.75 | | | | | |
| 13 | Bountiful | 2.70 | 6.50 25.00 | 103 | Oxheart | .95 1.70 7.00 | | | | | |
| 14 | Wade | 3.20 | 7.75 30.00 | 104 | Scarlet Nantes | 1.05 1.95 8.25 | | | | | |
| 15 | Stringless Green Pod | 2.50 | 6.00 23.00 | 105 | Earliest French Forcing | 1.15 2.10 9.00 | | | | | |
| 16 | Giant Stringless | 2.70 | 6.50 25.00 | 106 | Chantenay | 1.05 1.95 8.25 | | | | | |
| 17 | Tendergreen | 2.90 | 7.00 27.00 | 107 | Red Cored Chantenay | 1.05 1.95 8.25 | | | | | |
| 18 | Cherokee Wax | 2.80 | 6.75 26.00 | 108 | Tendersweet | 1.05 1.95 8.25 | | | | | |
| 19 | Refugee Idaho Strain | 2.60 | 6.25 24.00 | 109 | Gold Spike | 1.70 3.20 15.00 | | | | | |
| 20 | Improved Golden Wax | 3.00 | 7.25 28.00 | 110 | Long Yellow Belgian | .85 1.50 6.00 | | | | | |
| 21 | Topcrop | 2.90 | 7.00 27.00 | | | | | | | | |
| 22 | Triumph | 2.80 | 6.75 26.00 | No. | | | | | | | |
| 23 | Pencil Pod Wax | 2.80 | 6.75 26.00 | 116 | Cornell #619 | \$3.85 \$12.00 | | | | | |
| 24 | Kentucky Wonder Wax | 3.70 | 9.00 35.00 | 117 | Golden Self-Blanching | 2.00 6.00 | | | | | |
| 25 | Fordhook Bush Lima | 3.00 | 7.25 28.00 | 118 | Giant Pascal | 1.60 4.80 | | | | | |
| 26 | Fordhook 242 | 3.00 | 7.25 28.00 | 119 | Non-Bolting Golden Plume | 2.22 5.50 | | | | | |
| 27 | Green Seeded Henderson | 2.60 | 6.25 24.00 | 124 | Summer Pascal | 2.15 6.50 | | | | | |
| 28 | Challenger Lima | 3.10 | 7.50 29.00 | 125 | CELERIAC, Giant Prague | 1.60 4.70 | | | | | |
| 29 | Henderson's Bush Lima | 2.50 | 6.00 23.00 | | | | | | | | |
| 30 | Early Market Bush | 2.90 | 7.00 27.00 | No. | | | | | | | |
| 31 | King of Garden | 2.80 | 6.75 26.00 | 156 | Early Green Cluster | .95 1.80 \$7.50 | | | | | |
| 32 | Burpee's Imp Bush Lima | 2.80 | 6.75 26.00 | 157 | Stays Green | .95 1.80 7.50 | | | | | |
| 33 | Dwarf Horticultural | 3.30 | 8.00 31.00 | 158 | Chicago Pickling | .95 1.80 7.50 | | | | | |
| 34 | Kentucky Wonder (White Seeded) | 3.00 | 7.25 28.00 | 161 | Wisconsin SR-6 | 1.50 2.80 12.50 | | | | | |
| 35 | Kentucky Wonder | 2.80 | 6.75 26.00 | 162 | Cubit | 1.00 1.90 8.00 | | | | | |
| | | | | 163 | Straight Eight | 1.00 1.90 8.00 | | | | | |
| | | | | 164 | Select White Spine | .95 1.80 7.50 | | | | | |
| | | | | 165 | Improved Long Green | 1.55 3.00 16.50 | | | | | |
| | | | | 166 | Markete | 1.10 2.10 9.00 | | | | | |
| | | | | 167 | Wisconsin SMR12 | 1.50 2.80 12.50 | | | | | |
| | | | | 168 | Early Russian | 1.00 1.85 7.75 | | | | | |
| | | | | 170 | Japanese Climbing | 1.10 2.10 9.00 | | | | | |
| | | | | 171 | White Wonder | 1.10 2.10 9.00 | | | | | |
| | | | | 172 | Longtellow | 1.10 2.10 9.00 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 185 | Green Curled | \$0.90 \$1.70 \$3.20 | | | | | |
| | | | | 186 | White Curled | 1.10 2.05 3.90 | | | | | |
| | | | | 187 | Full Heart | 1.10 2.05 3.90 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 201 | Dwarf Scotch Curled | \$1.10 \$2.10 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 205 | White Vienna | \$1.25 \$2.35 \$5.90 | | | | | |
| | | | | 206 | Purple Vienna | 1.30 2.45 6.10 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 215 | Grand Rapids | \$1.00 \$1.85 \$4.65 | | | | | |
| | | | | 216 | Iceberg | 1.30 2.50 6.50 | | | | | |
| | | | | 217 | Great Lakes | 2.35 4.50 12.50 | | | | | |
| | | | | 218 | New York No. 12 | 1.15 2.10 9.00 | | | | | |
| | | | | 219 | Black Seeded Simpson | 1.00 1.80 4.50 | | | | | |
| | | | | 220 | Early Prizehead | 1.00 1.80 4.50 | | | | | |
| | | | | 221 | Olds' Oakleaf | 1.40 2.60 6.90 | | | | | |
| | | | | 222 | Salad Bowl | 1.95 3.75 9.20 | | | | | |
| | | | | 229 | Bibb | 1.35 2.50 6.30 | | | | | |
| | | | | 230 | Chicago | 1.15 2.10 5.40 | | | | | |
| | | | | 231 | Paris White Cos | 1.15 2.10 5.40 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 235 | Lake Champlain | \$1.25 \$2.30 \$9.95 | | | | | |
| | | | | 236 | Golden Delight | 1.35 2.55 11.50 | | | | | |
| | | | | 237 | Pennsawt | 2.35 4.50 21.25 | | | | | |
| | | | | 240 | New Yorker | 1.15 2.10 9.00 | | | | | |
| | | | | 241 | Milwaukee Market | 1.15 2.10 9.00 | | | | | |
| | | | | 242 | Hale's Best | 1.15 2.10 9.00 | | | | | |
| | | | | 243 | Bender's Surprise | 1.15 2.10 9.00 | | | | | |
| | | | | 244 | Rocky Ford | 1.15 2.10 9.00 | | | | | |
| | | | | 245 | Orag | 1.30 2.50 10.50 | | | | | |
| | | | | 246 | Pride of Wisconsin | 1.25 2.20 9.50 | | | | | |
| | | | | 247 | Hoodoo Morrill's Strain | 1.15 2.10 9.00 | | | | | |
| | | | | 248 | Banana | 1.15 2.10 9.00 | | | | | |
| | | | | 249 | Delicious | 1.20 2.25 9.75 | | | | | |
| | | | | 251 | Honey or Sugar Rock | 1.20 2.20 9.50 | | | | | |
| | | | | 252 | Iroquois | 1.35 2.50 | | | | | |
| | | | | 253 | Honey Dew | 1.20 2.25 9.75 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 257 | Southern Curled | \$0.55 \$0.90 \$3.50 | | | | | |
| | | | | 259 | Mustard Spinach | .60 1.00 4.00 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 278 | Emerald | \$0.55 \$0.90 \$4.00 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 286 | Early Arizona | \$1.45 \$2.70 \$12.50 | | | | | |
| | | | | 287 | Golden Honey Cream | 3.00 5.75 | | | | | |
| | | | | 260 | Stone Mountain | .80 1.40 5.75 | | | | | |
| | | | | 261 | Congo | 1.35 2.60 11.75 | | | | | |
| | | | | 262 | Cole's Early | .80 1.40 5.75 | | | | | |
| | | | | 263 | New Hampshire Midget | 1.10 2.00 8.75 | | | | | |
| | | | | 264 | Leesburg | 1.10 2.00 8.75 | | | | | |
| | | | | 265 | Dixie Queen | 1.10 1.95 8.50 | | | | | |
| | | | | 268 | Early Canada | 1.00 1.85 8.00 | | | | | |
| | | | | 267 | Florida Giant or Black Diamond | 1.10 2.10 9.00 | | | | | |
| | | | | 268 | Wilt Resistant Kleckley No. 6 | 1.10 2.00 8.75 | | | | | |
| | | | | 269 | Wilt Resistant Klondike No. 6 | 1.10 2.00 8.75 | | | | | |
| | | | | 270 | Kleckley's Sweet | .95 1.70 7.25 | | | | | |
| | | | | 271 | Tom Watson | .95 1.70 7.25 | | | | | |
| | | | | 272 | Golden Honey | 1.00 1.90 8.25 | | | | | |
| | | | | 273 | Icebox | 1.20 2.25 9.75 | | | | | |
| | | | | 274 | Early Kansas | .95 1.70 7.25 | | | | | |
| | | | | 275 | Citron | 1.20 2.25 9.00 | | | | | |
| | | | | 276 | Winter Melon | 1.00 1.85 8.00 | | | | | |
| | | | | 277 | Klondike No. 3 | 1.10 2.00 8.75 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 280 | Beltsville Bunching | \$2.85 \$5.50 | | | | | |
| | | | | 281 | Autumn Spice Hybrid | 3.10 \$5.00 \$28.75 | | | | | |
| | | | | 282 | Downings Bronze Globe | 1.90 3.55 16.50 | | | | | |
| | | | | 283 | Crystal Wax Bermuda | 1.75 3.35 15.00 | | | | | |
| | | | | 285 | Yellow Globe Danvers | 1.80 3.35 15.60 | | | | | |
| | | | | 286 | Early Yellow Globe | 1.80 3.35 15.60 | | | | | |
| | | | | 290 | Southport Yellow Globe | 1.80 3.35 15.60 | | | | | |
| | | | | 291 | Southport Red Globe | 2.35 4.25 20.00 | | | | | |
| | | | | 292 | Southport White Globe | 2.20 4.25 20.00 | | | | | |
| | | | | 296 | Asgrow Y42 | 4.50 8.75 | | | | | |
| | | | | 297 | Prizetaker | 2.25 4.30 20.25 | | | | | |
| | | | | 298 | Sweet Spanish Yellow | 2.25 4.30 20.25 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 460 | Purple Top Strap Leaf | \$0.60 \$2.50 \$32.00 | | | | | |
| | | | | 465 | Purple Top White Globe | .80 2.50 33.00 | | | | | |
| | | | | 466 | Snowball | .60 2.50 33.00 | | | | | |
| | | | | 467 | Cow Horn | .60 2.50 33.00 | | | | | |
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| | | | | No. | | | | | | | |
| | | | | 475 | Improved Purple Top | \$.65 \$2.75 | | | | | |
| | | | | 477 | Long Island Neckless | .65 2.75 | | | | | |
| | | | | | | | | | | | |
| | | | | No. | | | | | | | |
| | | | | 485 | Giant | \$0.65 \$1.10 \$4.75 | | | | | |
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SEEDS THAT GROW—FROM FOLKS WHO KNOW



Mr. R. H. Lang, President and General Manager, is in charge of the company's farm seed business.

*backed by 68 years
of experience*

In the course of sixty-eight years, the name OLDS has come to mean "Seeds of Dependability." Our desire at OLDS is to supply the best of everything we sell, to send out a neat and attractive catalog with truthful illustrations and descriptions, to treat every customer as we ourselves would like to be treated. This catalog, which "tells the truth," is sent to you to help you plan your garden and so that you may shop conveniently and comfortably in your own home. We are as close to you as your nearest mailbox.

Your Gardening Success Is OLDS' Business . . .

HOW TO ORDER

- Please use order sheet (last page of catalog).
- Give city zone number, if you have one.
- Write distinctly the quantities, plus the prices and catalog numbers (where available) in the columns provided.
- No C.O.D. orders accepted for perishable items.
- Seeds sent C.O.D. on orders of \$2.00 or more if one-fourth ($\frac{1}{4}$) of amount is sent with order.
- C.O.D. charges are at buyer's expense.
- For safety, remittances should be made in money order or check. If cash is sent, the letter should be registered.
- If you wish to write us later about your order, be sure to give your order number or Post Office address where order was mailed.

DELIVERY

All garden seeds, bulbs, plants, flower seeds and shrubs (except bulk garden seeds taken from the Market Gardeners Wholesale Price List) are mailed postpaid anywhere in the U.S. proper.

Foreign orders: accepted for seeds only — add 30¢ per lb. postage for each lb. of merchandise.

Bulk items: field seeds, potatoes, etc. (if not quoted postpaid in catalog) are shipped express truck or freight, whichever is cheapest, at buyer's expense. Refer to the parcel post table on order blank if you wish to add to your remittance the amount of postage for shipment by mail. If yours is a prepaid freight or express station, send full transportation charges with order. Please give name of truck line if you wish shipment by truck.

We at OLDS have always thought of our customers as our real friends and that their gardening success meant our success. To make sure that you get the most out of your gardening efforts, we are always on the alert for new and better items for your garden. The outstanding and superior to standard sorts, will make your gardening efforts more interesting and reward you with superior vegetables and flowers. You will find many new and better varieties offered in this catalog.



Mr. Thomas S. Toal, Secretary and Assistant General Manager, is in charge of the Company's retail and mail order business.

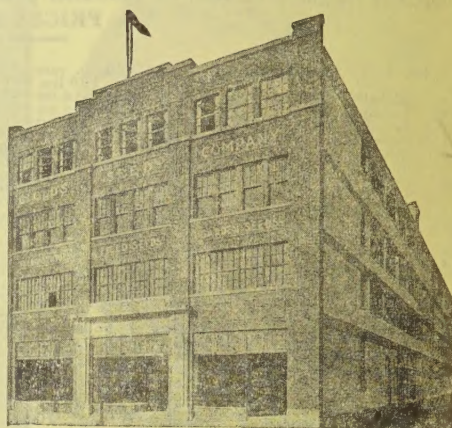
ATTENTION: PLANT GROWERS

WHOLESALE BULK FLOWER SEED prices are not quoted on the wholesale market gardeners price list, but will be found quoted after the variety in the regular flower seed section of our catalog. All bulk flower seed prices are postpaid prices. Plant growers and florists desiring larger quantities than quoted should write for prices.

When you drive to Madison, we welcome you to stop in and pay us a visit at our modern store at 722 Williamson Street, just two blocks East of the Northwestern station. Store hours: 8 a.m. - 5:30 p.m. (during the fall and winter we close at 2 p.m. on Saturdays).

At left is a section of our modern store in Madison, the finest, most complete seed store in the Midwest.

At right is another department of our store where you can buy every item listed in our catalog plus many other useful gardening helps.



This is our home in Madison. We invite you to visit us here and see the efficient way we handle your orders.

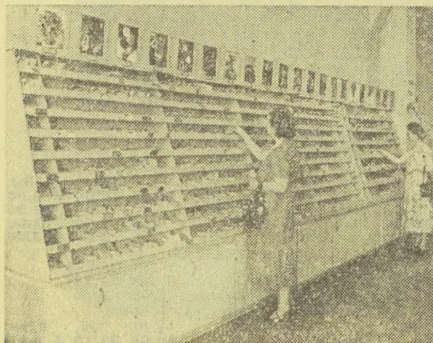
OLDS' TRIPLE GUARANTEE

QUALITY We guarantee the quality of all items offered in this book to the extent that should they not prove to be as represented, or you are not satisfied, we will refill the order or return the full amount you paid. The L. L. OLDS SEED COMPANY warrants to the extent of the purchase price that seeds, plants, shrubs, potatoes, or bulbs sold are as described on the container, within recognized tolerances. Seller gives no other or further warranty, express or implied.

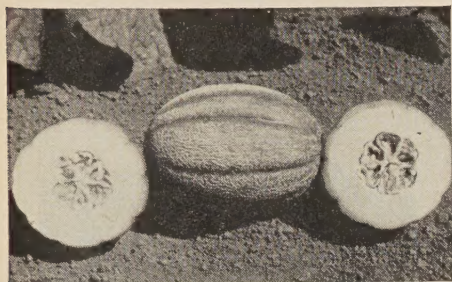
SAFE ARRIVAL We guarantee everything to arrive in good order. If there is any trouble, such as bags being torn or anything else unsatisfactory, have this noted on the carrier's expense bill which must be sent us with the bill of lading.

CAREFUL ATTENTION

We guarantee to give your order careful attention. All orders and remittances are promptly acknowledged and letters of inquiry personally and courteously answered, as a rule the same day they are received.



VEGETABLES of EXCEPTIONAL MERIT



Pennsweet Muskmelon.

NEW EXTRA EARLY MELON

237. **PENNSWEET.** (83 days.) Received the Bronze Medal in the 1955 All-America awards. A very early, small sized melon that yields well in areas where we have short seasons. Flesh is very sweet, thick, of a salmon color and the fruit has very little seed cavity. The vigorous vines set fruits averaging $1\frac{1}{2}$ to 2 pounds, which are slightly longer than wide. When ripe the rind is a greenish-yellow in color. Distinct ribs with some dense netting. Pkt., 25c; oz., 60c; $\frac{1}{4}$ lb., \$1.70; lb., \$5.00, postpaid.



Halloween Pumpkin.

NEW JACK-O-LANTERN PUMPKIN

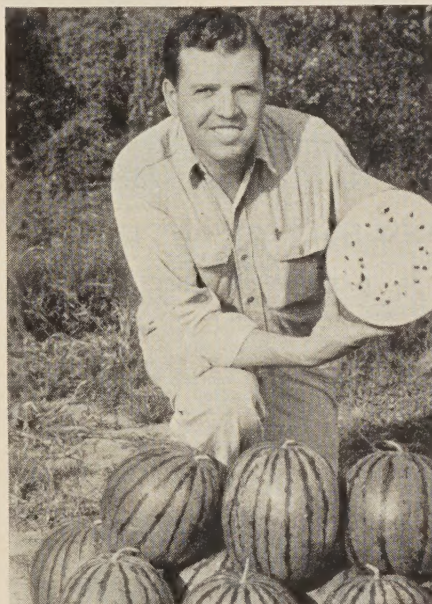
361. **HALLOWEEN.** (105 days.) This new Pumpkin is just about the ideal Jack-O-Lantern variety. A little larger than Small Sugar and Winter Luxury, reaching a size of about 12 by 9 inches and weight of about 10 pounds. Almost equal in eating and baking quality to Small Sugar. The plant is vining in habit and a heavy producer. Not too heavy for a youngster to carry yet large enough to carve out effectively. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.05; lb., \$3.20, postpaid.



Wando Peas.

HOT WEATHER PEA

★324. **WANDO.** (66 days.) A cross between Laxton's Progress and a hardy Perfection type pea. It was bred for heat and cold resistance and will withstand more adverse growing conditions than most varieties. Medium size, of excellent quality. Fine for canning and freezing. Pods are dark-green, $3\frac{1}{2}$ inches long, medium slender, straight, blunt and well filled. The tall, dark-green, vigorous and prolific vines measure about 24 to 28 inches. Because of its resistance to heat and drought, it is one of the very best varieties for second or late planting. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.10, postpaid.



Golden Honey Cream Watermelon.

NEW GOLD FLESHED WATERMELON

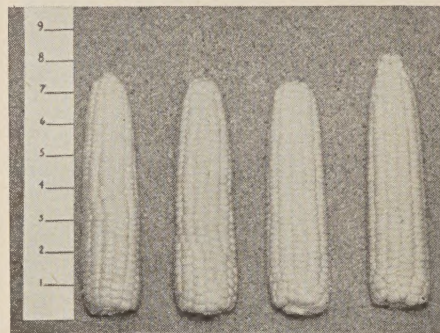
258. **GOLDEN HONEY CREAM.** (89 days.) A medium size, early, golden flesh melon with thin rind, small seeds, high sugar content. Average fruit 8 to 12 pounds. The rind is light green, striped dark-green. Yields well in the North. Surprise your friends and neighbors with this different and unusually high quality golden watermelon. Pkt., 25c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; lb., \$5.90, postpaid.

HEAVY YIELDING WAX BEAN

★18. **CHEROKEE WAX.** (50 days.) The best wax podded bean for market as it outyields any other wax, equalling the heavy yielding green podded varieties. Developed from a selection of Black-Valentine Stringless by Dr. W. C. Barnes of the Clemson College Trucking Experiment Station at Charleston, South Carolina. The vigorous vines measure 16 to 18 inches and stand erect. The $6\frac{1}{2}$ to 7 inch oval, almost straight, wax pods are stringless, tender and of fine quality. Seeds are jet-black. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



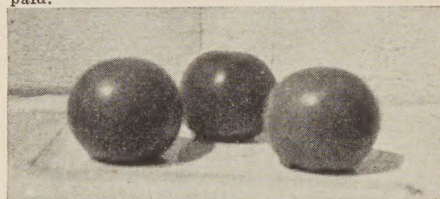
Cherokee Wax Beans.



Golden Beauty Hybrid Sweet Corn.

NEW EXTRA EARLY HYBRID SWEET CORN

★149. **GOLDEN BEAUTY HYBRID.** (71 days.) This new variety should be classed as an improved Marcross. It is a day or two earlier than the Marcross and the ears are much more uniform, always 12 rows, very cylindrical and attractive in shape. The ear length is about $7\frac{1}{2}$ to 8 inches and the plant grows to a height of about 5 feet. The quality is better than Marcross. While not as early as Improved Spancross, it has better quality. We urge all of our market garden customers to plant this new hybrid in place of Marcross. Pkt., 15c; $\frac{1}{2}$ lb., 45c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.



Century Tomato.

NEW MARKET TOMATO

427. **CENTURY.** (76 days.) A new, early globe shaped tomato for long distance shipping as well as local markets. It is heavier than most early varieties, averaging about 5 ounces. Fruit is firm with thick outer walls, very meaty, ripening from the inside out. It is exceptionally free from cracks and holds its size well throughout the season. Foliage is heavier than with most earlier varieties but lighter than Rutgers, giving ample fruit protection. Developed by the P. J. Ritter Co. from a cross between Valiant and an English variety and named after their hundredth anniversary. Production tests conducted in 1953 by Maryland and New Jersey departments of Agriculture showed results of 15.3 and 15.4 tons per acre. Pkt., 20c; $\frac{1}{2}$ oz., 65c; oz., \$1.15; $\frac{1}{4}$ lb., \$3.45, postpaid.

DISEASE RESISTANT CUCUMBER

167. **WISCONSIN SMR-12.** (55 days.) A new pickling cucumber similar to Wisconsin SMR-6 but which is also resistant to Mosaic as well as Spot-Rot. Fruits average $5\frac{1}{2}$ to 7 inches and vary in shape. Dark-green with black spines. Vines are dark-green and productive. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.



Wisconsin SMR-12 Cucumber.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN



Wade Bean.

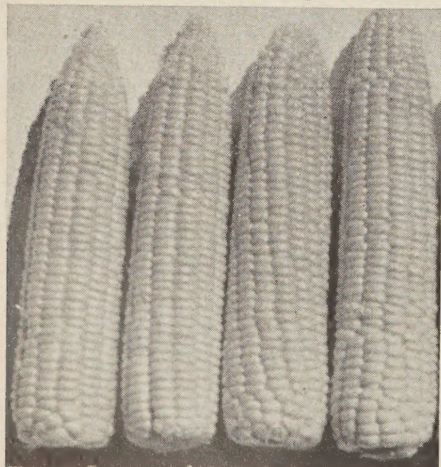
GOLD MEDAL BEAN

★14. **WADE.** (63 days.) Received 1952 Gold Medal All-America award. Named after Dr. J. H. Wade of the Charleston, S. C., Regional Vegetable Breeding Laboratory, who was credited with its introduction. It is resistant to common bean mosaic and powdery mildew. Deep green pods, $5\frac{1}{2}$ to 6 inches long, round and slender, containing a reddish brown seed. Somewhat taller than Tendergreen, which enables it to hold its pods well up off the ground. Pods are very smooth, containing approximately one-third as many hairs as the average commercial variety. It is slow to wilt, losing its water content slower than the average variety. Ideal for freezing, canning or market. Exceptionally heavy yielder of fine quality snap beans. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

OUTSTANDING NEW HYBRID SWEET CORN

★136. **WISCONSIN GOLDEN 900.** (79 days.) We consider the Wisconsin Golden Hybrid strains of sweet corn superior in quality to all others on the market today and this new Wisconsin Golden 900, developed at the University of Wisconsin Agricultural College by Associate Professor R. H. Andrew, superior to the older strains.

This new hybrid usually produces two beautiful, long 12 row golden ears to the stalk. They are placed medium high enabling easy picking. Furthermore, the plant produces very few tillers. Plants average 5 to 6 feet in height and a high number of narrow husks to each ear insure good coverage and easy husking. Ready for picking 4 to 5 days ahead of Golden Cross Bantam. It is an outstanding all purpose sweet corn for the home garden, the truck garden, canning or quick freezing on the cob. We unhesitatingly recommend Wisconsin Golden 900 Hybrid as the sweetest and best quality sweet corn grown today. Pkt., 15c; $\frac{1}{2}$ lb., 45c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.



Wisconsin Golden 900 Hybrid Sweet Corn.



Wisconsin Lakes Pepper.

BEST EARLY PEPPER

351. **WISCONSIN LAKES.** (68 days.) The surest setting Pepper of all varieties. Developed at the Wisconsin Agricultural Experiment Station by Professor O. B. Combs of the Horticulture Department from a plant selection taken from a planting of Asgrow King. The plants are 18 to 21 inches tall, compact, well branched with ample leg coverage to prevent sun scald. Leaves are medium to small and dark green, ripening to a brilliant scarlet. It is not an easy variety to pick as stems hold fast to the fruit. Will reach green harvest stage about one week ahead of California Wonder. On heavy loams at Madison and sandy soils at the Hancock Experiment Station in Central Wisconsin, it consistently outyielded California Wonder. We predict that this new pepper which has appearance, quality, uniformity and high yielding ability will become a leading home and commercial variety in the Northern areas. Pkt., 20c; 2 pkts., 35c; $\frac{1}{2}$ oz., 70c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.50, postpaid.



Badger Market Cabbage.

NEW EARLY YELLOWS RESISTANT CABBAGE

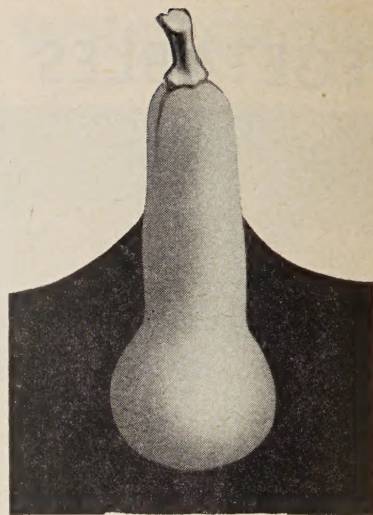
75. **BADGER MARKET.** (60 days.) A new early yellows resistant cabbage released by the Wisconsin College of Agriculture and the U.S.D.A. It is an early Copenhagen similar in color and type to Racine Market but earlier and smaller in head and plant size, developed to produce small heads for the fresh market. It has much of the standing capacity of Racine Market which is one of its parents. Its small size permits close planting. Plants are dark green with small, round, solid heads averaging about three pounds. Available in pkts. only because of short crop. Pkt., 25c; 2 pkts., 40c, postpaid.



Bibb Lettuce.

BABY HEAD LETTUCE

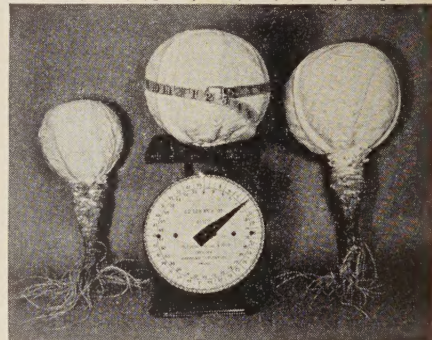
229. **BIBB.** (57 days.) A baby type head lettuce of excellent quality. Has a small rather loosely folded head. Leaves are thick, deep green, slightly tinged and spotted with brown. Plant early as it has a tendency to bolt to seed in hot weather. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.



Butternut Squash.

WINTER SQUASH

420. **BUTTERNUT.** (95 days.) In our opinion the ideal home baking squash. Better than Table Queen as an individual baker. The 3 to $4\frac{1}{2}$ lb. fruits are of an ivory white color, 10 to 12 inches long, 4 to 5 inches in diameter at the largest point, pear shaped, smooth skin and hard. The bright orange flesh is very thick and the seed cavity is only in the bulbous end so that about 90% of the entire fruit is edible. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.40, postpaid.



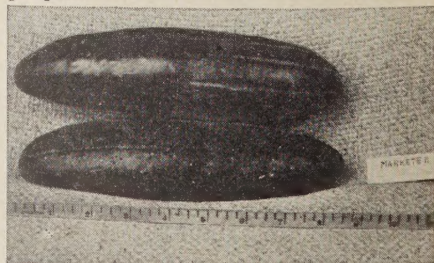
Right two are Oakview Ballhead Cabbage.

LATE CABBAGE

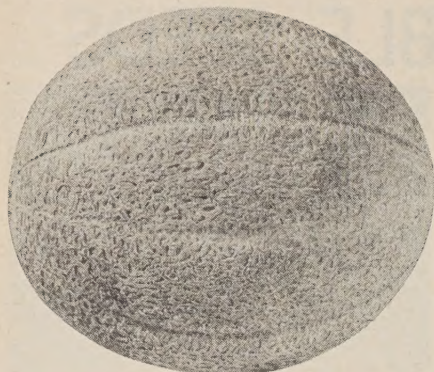
86. **OAKVIEW BALLHEAD.** (105 days.) Developed from a single plant selection of the Ferry's Hollander for a larger type and a higher tonnage. Note illustration. Plant at the left is a regular Danish Ballhead. The one on the scales and at the right is the Oakview. Heads average seven and one-half to eight inches in diameter and eight to ten pounds in weight. Remarkably firm and solid, of splendid quality. Will keep perfectly in storage until late spring. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75; lb., \$5.25, postpaid.

SLICING CUCUMBER

166. **MARKETER.** (65 days.) A recently developed slicing variety which we think superior to all others. It is enormously prolific and produces heavy crops even under quite adverse conditions. It retains its black-green color until the fruit begins to soften with age. Fruits are 8 to 10 inches by $2\frac{1}{2}$ inches, uniform, with abrupt taper at stem and fairly round at blossom end. Flesh solid with small seed cavity; white spine. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.



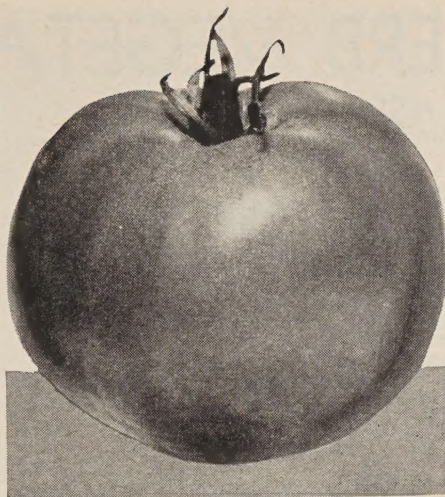
Marketer Cucumber.



Golden Delight Muskmelon.

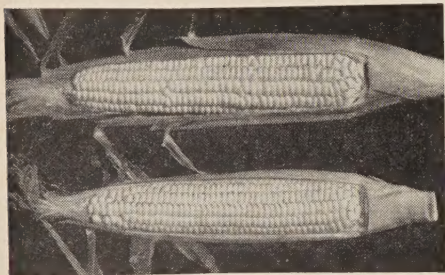
MUSKMELON

236. **GOLDEN DELIGHT.** (84 days.) Similar to Pride of Wisconsin but earlier and larger. An outstanding home market melon. Fruits are elongated 6 by 8 inches. The flesh is unusually thick and firm, of an orange or salmon color. Under adverse growing conditions it seems to stand up better than other varieties of its type. Fine flavor and of excellent quality. Skin is slate gray but matures a fairly deep yellow. Ribs are wide and shallow with open netting, tapering somewhat at the blossom end. Pkt., 15c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.



Wisconsin 55 Tomato
TOMATO

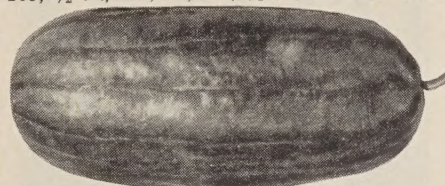
453. **WISCONSIN 55.** (75 days.) A tomato developed by Prof. J. C. Walker and his associates at the Wisconsin Experiment Station. Fruits are very large, smooth, slightly oblong, ripening a deep scarlet red color and very fleshy. Fruits average 65% larger than Stokesdale or John Baer and are more free of growth cracks. Vine growth is large, quite open and bears profusely until frost. While it is not fusarium wilt resistant, it is more tolerant to defoliation leaf blight than John Baer and shows considerable resistance to blossom end rot. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00, postpaid.



Upper ear, Golden Cross Bantam.
Lower ear, Gold Rush.

69-DAY HYBRID SWEET CORN

★137. **GOLD RUSH HYBRID.** (74 days.) This hybrid is ten days earlier than Golden Cross Bantam and nearly equal to it in size and quality. It has produced from seed to market in 66 days. Ears are about 8½ inches long, 12 to 14 rowed, slightly tapered and are well filled to the tips with attractive, tender, sweet, yellow kernels of fine quality and flavor. Stalks grow about 6 ft. tall, and many will produce two ears per stalk. Pkt., 15c; ½ lb., 45c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.



Congo Watermelon.

ANTHRACNOSE RESISTANT WATERMELON

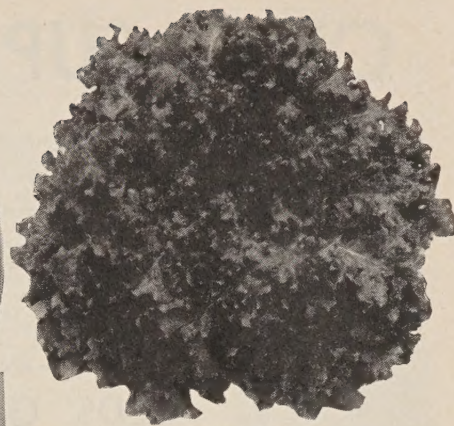
261. **CONGO.** (90 days.) U. S. D. A. 46-40. Released from the Regional Vegetable Breeding Laboratory of the U. S. Department of Agriculture at Charleston, South Carolina. It is a cross of an African variety, which was resistant to anthracnose with Iowa Bell, and later crossed with a variety called Garrison. The melon was bred for the shipping trade. A fairly large melon, larger than Kleckley's Sweet. The light stripe is considerably darker than is normal in a stripe watermelon, giving somewhat the appearance of a solid green. The flesh is medium red, seeds whitish or brown, and sugar content high. Shows slight resistance to fusarium wilt. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

HIGH YIELDING EARLY TOMATO

439. **URBANA.** (73 days.) A very heavy yielding new variety bred from parent stocks produced by Prof. W. A. Huelsen of the University of Illinois. In the Vineland, Ontario, trials in 1951 it outyielded in both early and total yield all 100 varieties including hybrids in the trial. The fruit is deep scarlet, medium size, smooth, globe shaped and the flesh is deep scarlet, firm with thick walls and small seed cavity. Plants compact, bushy, with many short branches. Has a spread of 2 to 3 feet which allows a large number of plants per acre. Good foliage protection for fruit. Here in Wisconsin the past three years its performance has been outstanding. We urge all of our customers to give this variety a trial. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.20, postpaid.

MOSAIC RESISTANT BEAN

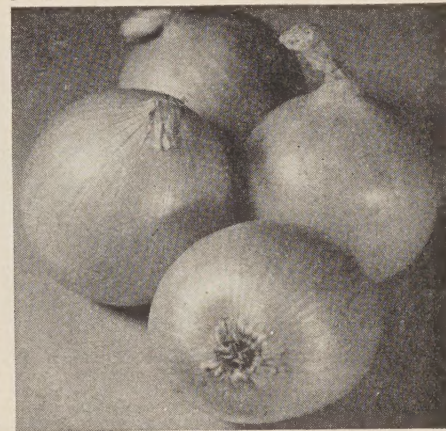
★22. **TOPCROP.** (50 days.) This green pod bean won the All America selections' Gold Medal award in 1950. A remarkable bean, which is resistant to common bean mosaic. The plant is vigorous and prolific and carries its pods low. Pods measure six inches in length by three-eighths in width, and are medium green, round, very straight, and stringless. Seeds brown mottled with tan. Excellent freezer. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Salad Bowl Lettuce.

GOLD MEDAL LETTUCE

222. **SALAD BOWL.** (50 days.) Received Gold Medal award in the 1952 All-America contest. Developed by Dr. Ross C. Thompson, Bureau of Plant Industries Station, Beltsville, Maryland. A loose leaf variety that will fill a salad bowl with a perfect rosette of rich green and very decorative leaves. It stands heat and sun very well and is slow to bolt. Grows fast and large, leaves are long, deeply cut, closely set, and hold their quality, tenderness and fine texture over a long period. Pkt., 15c; oz., 45c; ¼ lb., \$1.30; lb., \$3.95, postpaid.



Autumn Spice Hybrid Onion.

HYBRID ONION FOR STORAGE

281. **AUTUMN SPICE HYBRID.** (110 days.) An outstanding new hybrid onion and probably the best keeper for winter storage of all hybrids. The round, medium sized bulbs have deep brown skins, firm, creamy white flesh. Adaptable to a wide range of soils and growing conditions. Will outyield the standard Southport Yellow Globe, and other late storage varieties. We highly recommend this hybrid to market gardeners and commercial growers. Pkt., 20c; oz., 70c; ¼ lb., \$2.10; lb., \$6.25 postpaid.



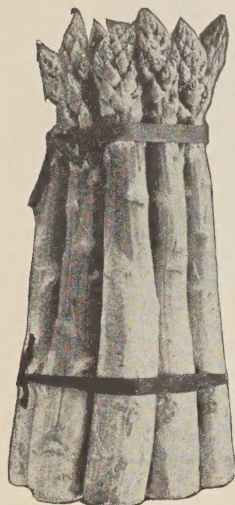
Topcrop Bean.



Urbana Tomato.

OLDS' SUPERB VEGETABLE SEEDS

ASPARAGUS



ASPARAGUS CULTURE: Plant seed early in the spring after soaking the same for about twenty-four hours in warm water. Plant in drills one foot apart at least one inch deep. The following spring select the best roots and plant in a permanent bed. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots. One ounce of seed will sow a 100-foot row producing about 300 plants. Five pounds of seed are required for an acre.

★ 1. **MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties and apparently immune to rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 10c; oz., 30c; ¼ lb., 75c; lb., \$2.20, postpaid.

ASPARAGUS ROOTS. See page 33.

OLDS' GARDEN SNAP BEANS BUSH VARIETIES

Please Note:—The figure after each variety shows the time required after the seed is sown to first picking.

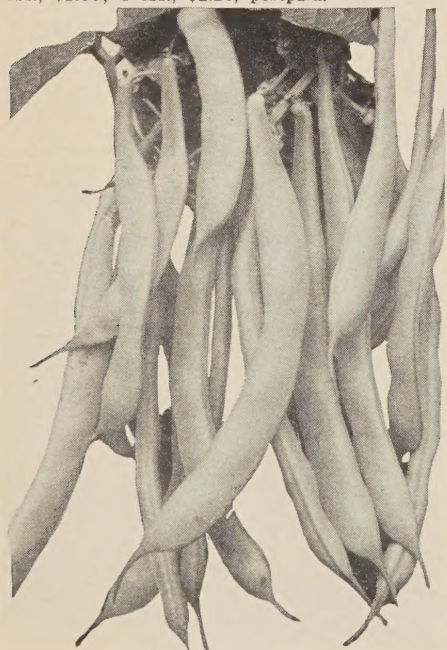
Please Note: All Varieties marked ★ are excellent for freezing.

Mary Washington Giant Rust Proof.

CULTURE: Sow the bush varieties as soon as the ground is warm and the season favorable and every two weeks for succession. Plant in rows two feet apart, the beans two inches apart in the row and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to three plants to a pole. For Bigger Crops Inoculate Your Garden Beans and Peas with Nitragin. See next page. One pound will plant 100 to 150 feet of drill, 65 pounds one acre. Packet will plant 18 to 25 feet of drill. Do not work when the plants are wet as this will cause rust.

19. **REFUGEE, IDAHO STRAIN.** (64 days.) A mosaic resistant Refugee. The stringless pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. Light green in color, fine grained and of good quality. Seeds violet splashed with buff. Spreading plants about 20 inches with small, medium dark green leaves. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 15. **STRINGLESS GREEN POD.** (52 days.) A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. Seeds coffee brown. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.



Stringless Green Pod.



OLDS' PENCIL POD WAX

★ 24. **PENCIL POD BLACK WAX.** (53 days.) Best of all the dwarf black seeded wax varieties. The pods are round, 6½ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Seed black. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 20. **IMPROVED GOLDEN WAX.** (50 days.) The standard flat, wax-podded bush variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4½ inches long and very handsome; of a rich golden-yellow color. Seeds white with brown eye. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

36. **DWARF HORTICULTURAL.** (55 days.) Also known as Dwarf Cherry, Ruby, Speckled Cranberry. Pods are 4½ to 5 inches in length and about 5⁄8 to ¾ inch in width. Semi-round, straight to slightly curved. Stringless, light green in snap stage, becoming pale yellowish-green with prominent splashes of scarlet or carmine in shell bean stage. The vigorous dark green, coarse foliage is about 15 to 17 inches in height. The beans are pink tinged on buff with irregular spots of carmine or maroon. Excellent for succotash. Pkt., 10c; ½ lb., 40c; lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.

★ 22. **TOPCROP.** (50 days.) See page 3 for illustration and complete description. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.50, postpaid.

★ 14. **WADE.** (63 days.) See page 2 for illustration and description. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 18. **CHEROKEE WAX.** (50 days.) Probably the most prolific of all the wax podded varieties. See page 1 for illustration and complete description. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Plentiful.

★ 11. **PLENTIFUL.** (50 days.) It is true to its name in productiveness bearing medium dark green pods 7 inches or more in length, straight and somewhat larger than Bountiful. Entirely stringless at all stages of growth and is of the highest quality. It is probably the best of the flat podded green snap beans. Vine is 16 to 18 inches tall, medium green, erect, vigorous, and compact. Seeds are black. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 16. **GIANT STRINGLESS GREEN POD.** (54 days.) Similar to Stringless Green Pod, although the pods are longer, straighter and more slender. The pods are also more depressed between the beans and slightly lighter in color. Fairly early, hardy and of the highest quality. Seeds yellow brown. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

13. **BOUNTIFUL.** (50 days.) A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are entirely stringless, 6½ to 7 inches long, very tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring, and the last in the fall. Seeds straw color. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 17. **TENDERGREEN.** (54 days.) A dwarf, green podded variety of very fine quality. The fleshy pods are absolutely stringless, measuring about 6 inches in length. Slightly later than Stringless Green Pod. Tendergreen is very productive and in our trials proved the best variety for late planting. Seeds mottled brown and fawn. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★ 12. **ROUND POD KIDNEY WAX.** (Brittle Wax.) (58 days.) Plant large, erect, medium green, vigorous and productive. 5¼-inch pods, handsome in appearance, medium yellow, round, slightly curved, and deeply creased back. Extremely brittle, fleshy, succulent. Entirely stringless and fiberless. Beans white, kidney-shaped with black eye. Standard of highest quality. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Round Pod Kidney Wax.

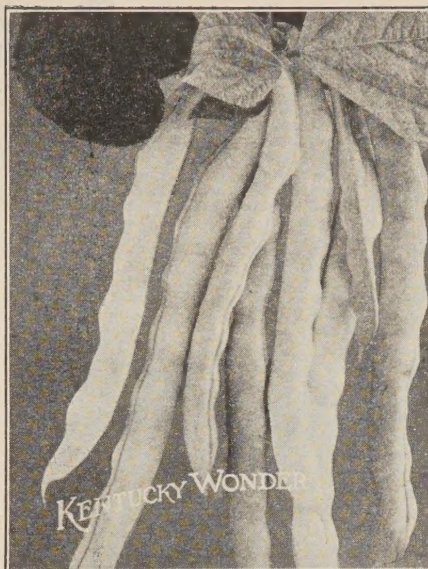
POLE SNAP BEANS

★37. **WHITE SEEDED KENTUCKY WONDER.** (Burger's Stringless.) (64 days.) Plant medium and a good climber, 4 to 5 feet tall. Pods $6\frac{1}{2}$ to 7 inches, silvery green, tender, fleshy, stringless and fiberless and of good quality. Seeds oval-flat, white. Used as snap beans or for dry shelled purposes. Pkt., 10c; $\frac{1}{2}$ lb., 40c; lb., 70c; 2 lbs., \$1.30; 5 lbs., \$2.80, postpaid.

★25. **KENTUCKY WONDER WAX.** (68 days.) The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Seeds light chocolate brown. Pkt., 15c; $\frac{1}{2}$ lb., 45c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

10. **YARD LONG.** This variety is a native of South America. Habit of growth is quite similar to Kentucky Wonder Bean. Pods broad, oval, light green, fleshy, tender and fiberless; of good quality containing 7 to 8 beans. Pods average in length from 18 to 30 inches. This is a fine novelty to grow in your garden. Seeds reddish brown with black circle around the eye. Pkt., 15c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

★38. **KENTUCKY WONDER.** (65 days.) The vines are very vigorous and productive, and bear large clusters of big, round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Seeds buff brown. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



VITA-BANDS. Produce better plants. See page 75.

POLE LIMA BEANS

★33. **KING OF THE GARDEN.** (88 days.) The most widely used Pole Lima. The hardy and vigorous plants are good climbers and very productive. Pods flat, smooth, with average of five large, oval, greenish white beans of excellent quality. Pods measure $7 \times 1\frac{1}{4}$ inches. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★30. **CHALLENGER.** (80 days.) This variety of Lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring $3\frac{1}{2}$ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

39. **SCARLET RUNNER POLE.** (90 days.) A pole bean that is really a climbing bean and very ornamental. The blossoms are scarlet, the pods a beautiful green, shading to wine color when ripe. The large showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but beans are good to eat, both as snap and shelled beans. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

USE NITRAGIN ON YOUR BEAN SEED.

You will get a more robust vine, a heavier crop, and make this legume enrich the soil in which it is used if you use Nitragin. It pays for itself ten times over. Price: Garden size, enough for eight pounds of seed, 15c, postpaid.

OLDS' BUSH LIMA BEANS

Note: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is thoroughly warm. Lima beans should be harvested while they are still green. Be sure and use Nitragin on your bean seed. It is an investment, not an expense. Varieties marked ★ are recommended for freezing.

★26. **FORDHOOK BUSH.** (75 days.) An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; 4 to 5 inches long, and produce in large clusters; they contain from 3 to 5 large beans of fine quality. The beans are white, with greenish tinge, thick and meaty. Beans are larger and pods hold their fresh green color longer than Fordhook 242. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★34. **BURPEE'S IMPROVED BUSH.** (75 days.) Both beans and pods are larger than in the old Burpee's Bush Limas, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★31. **HENDERSON'S BUSH.** (Baby Lima or Butter Bean.) (65 days.) The bush is not large, but the variety is early. Pods are small containing 3 or 4 small flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of Lima for the home garden. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.10; 5 lbs., \$2.40, postpaid.

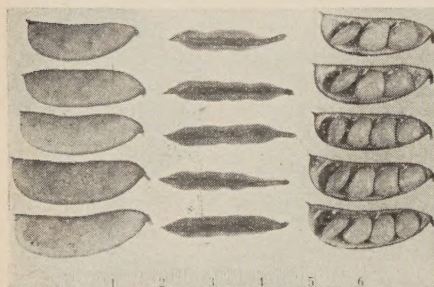
OLDS' FIELD BEANS

4. **MICHLITE NAVY.** (95 days.) This improved white navy originated at the Michigan Agricultural Station, and is a great improvement over the older strains. It is very uniform in maturing and a heavy yielder of glossy white beans. Resistant to mosaic and bacterial blight. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid.

35. **RED KIDNEY.** (95 days.) The large reddish brown beans are popular for soups, salads, and chili. Plant is large and vigorous; pods are dark green, oval, flat, tough, and about 6 inches long, and $\frac{1}{2}$ inch wide. $\frac{1}{2}$ lb., 35c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

C. O. D. ORDERS

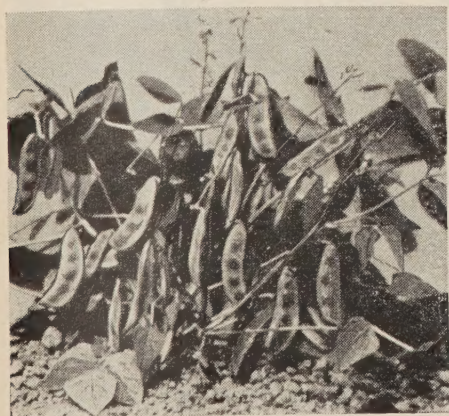
We will ship seeds and other nonperishable items C. O. D. if the order amounts to \$2.00 or more, but one fourth the amount must be sent with the order. Orders received to be sent C. O. D. not having the one fourth advance payment will be returned to sender. Orders for perishable items, such as trees, plants and shrubs, cannot be sent C. O. D. and remittance in full for items of this kind must accompany the order.



Triumph Bush Lima.

★23. **TRIUMPH.** (72 days.) All-America award winner in 1949. Yields well under adverse conditions and is excellent for freezing and canning. Plants are more compact than Hendersons, with dull green leaves. Pods are straight, blunt and tightly filled with an average of 3 thick baby-type lima beans. Pods will average $2\frac{1}{2} \times \frac{3}{4}$ inches. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★27. **FORDHOOK 242.** (72 days.) A superior type of Fordhook for the North, developed by the U. S. Dept. of Agriculture. Plants are wider spreading and have heavier foliage and yield heavier both early and late than the standard Fordhook. Even in very hot dry weather it sets basal pods from the first blossoms. The pods are uniform and hold their size on the late sets and contain 3 to 4 plump beans of finest quality. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Fordhook No. 242 Bush Lima.



Green Seeded Henderson Baby Lima.

28. **GREEN SEEDED HENDERSON or CLARK'S BUSH.** (65 days.) This bean resembles in every way the Henderson's Bush or Butter-bean but is green at all picking stages. Pods measure about $2\frac{3}{4}$ inches by $\frac{3}{4}$ inch. Contains 3 to 4 delicious oval beans. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

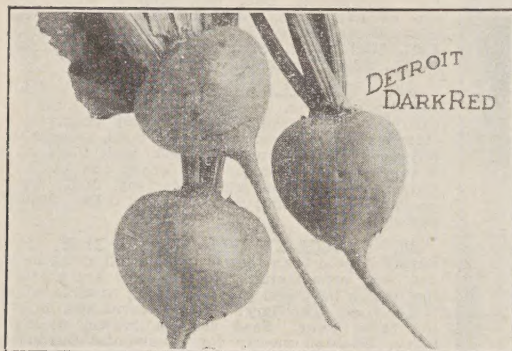
32. **EARLY MARKET BUSH.** (65 days.) A dwarf large lima similar to Burpee's Bush in appearance and growing habits, but outstanding in its earliness of maturity and ability to set under adverse growing conditions. It is a full two weeks ahead of Fordhook and does well under our northern growing conditions. Seed at maturity is very uniform in size of a bright green color. Pods bear three beans each of remarkable uniformity. A heavy yielder of excellent quality beans. Pkt., 10c; $\frac{1}{2}$ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



Early Market Bush Lima.

Olds' Garden Beets

From Hand
Selected Roots



★ 48. **DETROIT DARK RED.** (68 days.) Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Our largest seller. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.45, postpaid.

40. **EXTRA EARLY EGYPTIAN.** (55 days.) A forcing and first early variety. One of the very earliest of all beets. Has a very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.45, postpaid.



41. **IMPROVED EARLY BLOOD TURNIP.** (60 days.) A fine, bright red beet. Remarkably even in size and appearance. A flattened globe shape, good quality. Tops are large and coarse, which make it a fine variety for greens. Pkt., 10c; oz., 20c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40, postpaid.



Lucullus Swiss Chard.

CULTURE: The best soil for beets is a deep sandy loam. For early beets plant when ground is warm in the spring, sowing a little later for the main crop. Winter beets should be planted about the 15th of June. Varieties marked ★ are recommended for freezing.

Plant the seed about ¾ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce, 60 feet; five pounds an acre, drilled.



Perfecto Detroit.

42. **PERFECTO DETROIT.** (65 days.) A strain of Detroit Dark Red Beet. The result of several generations of inbreeding. It is unquestionably the darkest red and most uniform type stock of Detroit Beet ever offered. Slightly earlier than the regular variety. Will run 99 per cent. extremely dark red without visible zone markings. Perfecto Detroit is the finest beet for the market gardener or for canning. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.45, postpaid.

BEETS IN SUCCESSION

Do not depend on one planting for a supply all through the summer and fall. The sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

TREAT BULBS and SEEDS WITH ARASAN FOR BETTER RESULTS

An effective dry seed disinfectant and protectant for destroying many surface seed-borne organisms and protecting the seed and bulbs against certain soil-borne organisms responsible for seed decay. Usually improves stand of seedling and frequently increases yield of quality crops. Tests show 8.5 bushels per acre increased yield of corn. Excellent reports on use of Arasan for many vegetables, flowers and bulbs. Prices: ¾-oz. pkg., 25c; 8-oz. can, \$1.00; 2-lb. can, \$3.20, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$11.50.

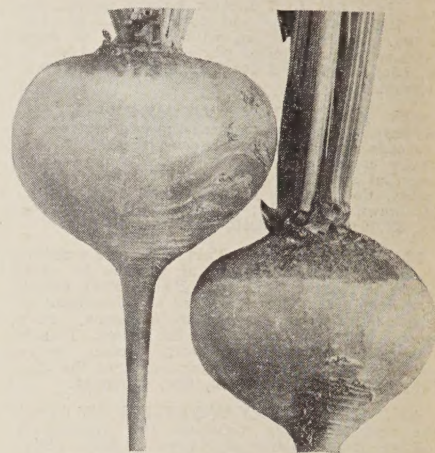


OLDS' SWISS CHARD

The city gardener's friend as it grows again after being cut off. Largely used for greens. Plant same as beets.

★ 54. **LUCULLUS.** (55 days.) The plants grow from two to two and one-half feet in height. Stalks are thick, broad and flat, also delicious when cooked and served like asparagus. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.05, postpaid.

53. **DARK GREEN, WHITE RIBBED.** (55 days.) A fine variety for the home garden. Leaves are smooth and very dark green. The stalks and midribs are broad and white. Very attractive and more easily cleaned than Lucullus. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.05, postpaid.



Crosby's Egyptian.

★ 51. **CROSBY'S EGYPTIAN.** (60 days.) A first-early market variety. Flattened globular shape and of fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.45, postpaid.

43. **EARLY WONDER.** (56 days.) A selection from Crosby's Egyptian. Very uniform, dark red, globe shaped, small top. Especially good for late planting although in the extra early class. Early, hardy, productive and handsome. Pkt., 10c; oz., 20c; ¼ lb., 45c; ½ lb., 80c; lb., \$1.45, postpaid.

MANGELS SUGAR BEETS,
SEE PAGE 28.



Early Wonder.

You too, can have **SURE CROPS**

**3 weeks
earlier
TO MARKET**



Setter.

HOTKAPS—Strong little hothouses—completely protect your plants from destructive frost, storms and insects. Increase yield 18% to 51%, ripen crops three weeks earlier, bring highest prices and premium profits. Quick, easy to set. Costs less than two cents a plant—increased profits more than pay for them. Millions used by successful growers. Crop failure is costly—HOTKAPS protection is cheap! Prices, F.O.B. Madison (wt., carton of 1,000, 33 lbs.): by express or freight: 1,000 lots, \$18.35; 5,000 lots, \$18.20 per M; 10,000 lots, \$18.05 per M; 25,000 lots, \$17.90 per M; 250 pkg., \$5.90; by mail, \$6.20, postpaid; 100 pkg., \$3.15; by mail, \$3.35, postpaid; 50 for \$1.90, postpaid.

Cardboard Setter, each, 25c, postpaid.

HOME GARDEN PCK. 25 Hotkaps with Paper Setter, 95c; by mail, \$1.10, postpaid.

OLDS' TENDER CARROTS

GROWN FROM SELECTED ROOTS

The carrot is one of the most valuable of vegetables and should be cultivated more extensively. It is very wholesome and contains the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want. One pkt. will sow 50 feet of drill; 1 oz. 300 feet, 2 to 3 lbs. an acre. For large amounts see our Market Gardeners' Price List opposite page 1.

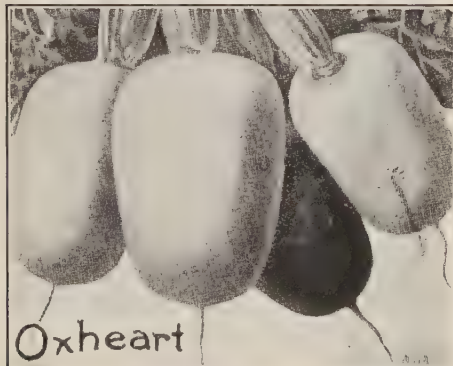
CULTURE: Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches apart in the row. The seed should be sown to a depth of about four times the diameter of the seed. Do not depend upon one planting only as they are at their best when young and tender. Plant every two or three weeks up to the middle of July. Varieties ★ are recommended for freezing.

★106. CHANTENAY.

(70 days.) **SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 6½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom

where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Stores well. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.15, postpaid.

105. EARLIEST FRENCH FORCING. (60 days.) The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.30, postpaid.



103. OXHEART. (72 days.) Popular short carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Desirable where soil is heavy. Easily harvested. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.90, postpaid.

★**101. IMPERIDA.** (90 days.) We consider this superior to new bunching and other Imperator types. Developed by Dr. DeLance F. Franklin in the University of Idaho Branch Experiment Station from a chance cross of Imperator and Chantenay Red Cored. Tops (about 12 inches) are shorter than Imperator, which is an advantage in bunching. Roots are square shouldered, about 1½ inches in diameter and approximately 8 inches long. The orange flesh is of good texture, mild and sweet flavored. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.15, postpaid.



Imperida.



Scarlet Nantes.

★**104. SCARLET NANTES OR CORELESS.** (70 days.) A delicate flavored carrot of the finest quality. Roots 6 to 8 inches long, 1½ inches thick, bright orange, crisp and tender. Cylindrical shaped and blunt ended. Excellent for forcing. Very brittle and must be dug with care. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.15, postpaid.



Goldspike Carrot.

★**109. GOLD SPIKE.** (83 days.) Developed from a select strain of long type Imperator. Leaves are more erect and about four inches shorter and roots are smoother and more attractive. The roots are a solid deep orange with insignificant cores averaging 8 to 10 inches in length and about 1 inch to 1½ inches in diameter, tapering to a point. A superior shipping and market variety. Pkt., 15c; oz., 40c; ¼ lb., \$1.15; lb., \$3.40, postpaid.

Stock Carrots

Carrots make excellent feed for livestock. They may be substituted for grain or other concentrates to the extent of replacing one-half of the dry matter. When thus used 8 to 10 pounds of roots will replace 1 pound of concentrates. Roots can be produced for from \$6 to \$8 per ton. Improved Long Orange is used for stock and table. See page 28 for other root crops.

100. DANVER'S HALF LONG. (75 days.) A splendid carrot, grown for its productiveness and table quality. One of the best for home or market garden. Root 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.90, postpaid.

102. IMPROVED LONG ORANGE. (88 days.) A well-known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange, suitable for both table and field crop. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85, postpaid.

111. LONG ORANGE BELGIAN. (90 days.) While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, is especially desirable for that purpose. The roots are mammoth in size, about 14 inches long, yielding often as high as 10 tons per acre. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.70, postpaid.



Tentersweet.

108. TENDERSWEET. (73 days.) A beautiful orange red carrot of exceptionally fine quality. Roots average about 8 to 8½ inches in length and taper slightly from the shoulder to a blunt end. The flesh is crisp, tender, and sweet. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.15, postpaid.

★**107. RED CORED CHANTENAY.** (72 days.) This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color. The carrots measure about 5½ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.15, postpaid.



Old's Cabbage

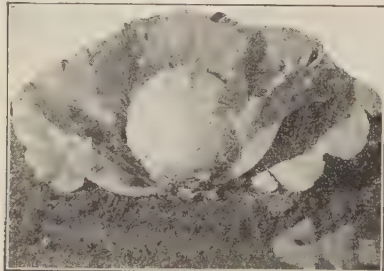
WISCONSIN YELLOW RESISTANT

FIRST GENERATION SEED

In growing good cabbage, it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is First Generation Wisconsin grown. Cabbage requires deep mellow soil. One packet will produce 100 plants, ¼ pound produces enough plants for an acre.

CULTURE: For early use sow the seed in hot-beds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early, sow in April, and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July.

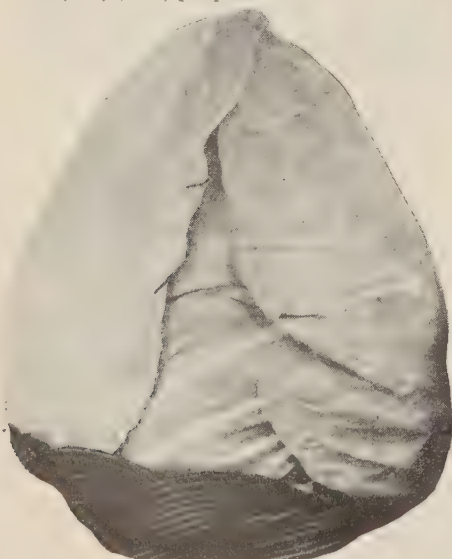
The figure after the name gives the time required to form mature heads after setting plants.



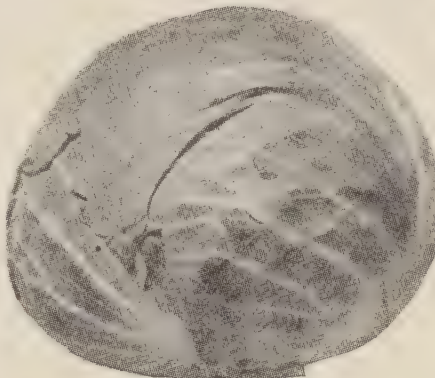
Globe.

77. GLOBE. (80 days.) A Yellows Resistant selection from Glory of Enkhuizen and very similar to the true type of Glory. An excellent mid-season, round-head type, maturing a few days later than Marion Market. Heads are globular, averaging 6½ pounds, very compact, small core. Plant and head type very uniform. Heavy yielder, excellent for shipping and widely used for kraut. One of our most dependable and popular strains. Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

76. WISCONSIN ALL SEASONS. (90 days.) Late maturing Drumhead type, average 9 to 10 pounds. This Yellows Resistant strain is very hardy and withstands adverse weather conditions unusually well, an excellent cabbage for kraut. Heavy yielder, white inside, and firm at maturity. Leaves blue-green. Heads semi-round. The strain we are now using is a new selection and is a great improvement over the old strain of a few years ago. In plant and head type, it is much more uniform. Unlike the old strain, heads mature more evenly and can be cut in one cutting. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$3.70, postpaid.

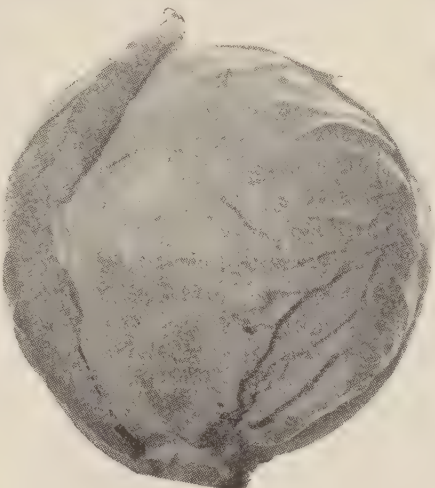


Jersey Queen.



Wisconsin Ballhead.

81. WISCONSIN BALLHEAD. (100 days.) A great improvement over the first Wisconsin Ballhead. Many of the undesirable features of the old strain have been eliminated. This strain is quite similar to the Danish Ballhead type as to season, plant, and head type. It has unusually large head weight in proportion to the outer leaf weight. It matures earlier than the Wisconsin Hollander #8. Heads average 6½ pounds, nearly spherical, solid, compact. Deep blue-green foliage. Short stem. Somewhat shorter core than the Danish Ballhead parent. In trial plots and fields in many states, this strain has been acclaimed the best of the Yellows Resistant Ballhead varieties. Very uniform. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.55; lb., \$4.65, postpaid.



Marion Market.

87. MARION MARKET. (74 days.) Selection from Copenhagen but somewhat later in maturing. Plants larger and more vigorous than Copenhagen types. Heads average 5 pounds, broadly rounded, leaves blue-green. Used for market and early kraut. This is one of the first Yellows Resistant varieties developed by the College of Agriculture, Madison, Wisconsin. Has been improved considerably by making new selections in Yellows sick soil constantly for new stock seed. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.10; lb., \$3.30, postpaid.

74. JERSEY QUEEN. (58 days.) Average weight about 2½ lbs. Selection from Jersey Wakefield. Highly resistant to the Yellows disease. Heads small, conical; leaves smooth, dark green. Allows close planting. Very early strain for home and market garden. Perhaps the sweetest flavor of any cabbage grown in home gardens. Pkt., 10c; ½ oz., 25c; oz., 35c; ¼ lb., \$1.10; lb., \$3.30, postpaid.



A field of cabbage at Racine, Wisconsin, showing a test row of cabbage from good commercial seed in the center of a field of Yellows Resistant Wis. Hollander No. 8 cabbage. A very few plants only out of hundreds set out, survived in this row. No clearer demonstration of the value of resistant seeds in districts affected by yellows could be given.

79. WISCONSIN HOLLANDER. (108 days.) Selected from Danish Ballhead. Heads round, becoming slightly flattened across the top; color deep blue-green. Heavy yielder. Later than Wisconsin Ballhead, and larger with heads about 7½ pounds. Good for late shipping and storage. This Yellows Resistant strain has been improved considerably by constant new selections for stock seed. Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.45; lb., \$4.40, postpaid.



Wisconsin Golden Acre.

72. WISCONSIN GOLDEN ACRE. (60 days.) The earliest round headed cabbage. Similar to regular Golden Acre, but resistant to yellows. Plants are small and compact allowing close setting. Excellent quality. Pkt., 10c; ½ oz., 30c; oz., 45c; ¼ lb., \$1.35; lb., \$4.00, postpaid.

75. BADGER MARKET. (60 days.) New outstanding early cabbage, illustrated and described on page 2. Pkt., 25c; 2 pkts., 40c, postpaid.

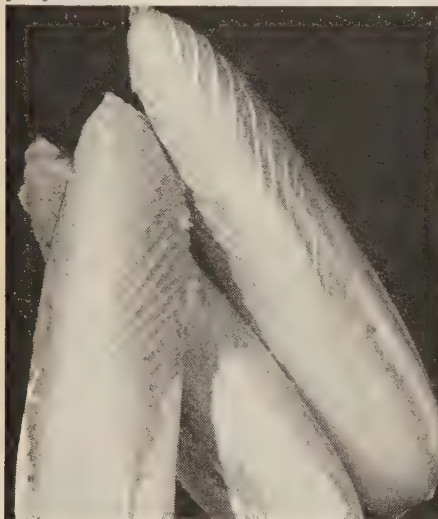
68. WISCONSIN COPENHAGEN. (62 days.) The latest development of the early Yellows Resistant Copenhagen strains. Foliage blue-green color, plant 10 to 12 inches tall. This new variety is much more uniform in maturing and in size of heads than Resistant Detroit. It matures evenly so that most or all heads can be cut at one time. Well adapted for market gardening, early shipping and early kraut. It withstands adverse weather conditions better than most early varieties. Heads uniformly round, about 4½ pounds, very compact. Pkt., 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.20; lb., \$3.50, postpaid.



Wisconsin Copenhagen.



85. DANISH BALL-HEAD. (105 days.) The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. The most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.



Michihli Chinese Cabbage.

CHINESE CABBAGE

69. MICHILHI. (72 days.) This sure heading Chinese cabbage is somewhat larger than Chihli with rich, dark green outer leaves without a yellowish cast. Trimmed heads are well blanched, firm, crisp, tender, and fine flavor. In trials they produce fully 99 per cent heads desirable for market. Prices: Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85, postpaid.

FROSTPROOF CABBAGE PLANTS

Frostproof Cabbage Plants will stand frost and even freezing temperatures as low as 20 degrees above zero. Because of their great resistance to bad weather they can be planted early, just as soon as the ground can be worked. These plants are grown in Texas during the winter months and are shipped direct from our growing station at the proper time for planting. Because of the difficult conditions under which they grow, the plants have a somewhat wilted and stunted appearance, but regardless of their appearance when planted they make a steady growth.

We can supply the following varieties: **EARLY JERSEY WAKEFIELD**, **GOLDEN ACRE**, **MARION MARKET**, **WISCONSIN ALL SEASON**. Please state variety wanted and time of shipment on your order. Postpaid prices: 25 plants 1 variety only, 50c; 1 bunch (approximately 50 plants), 65c; 2 bunches, \$1.02; 4 bunches, \$1.55; 10 bunches, \$2.75; 20 bunches, \$4.12; 40 bunches, \$7.67. No plant orders accepted for c. o. d. shipment. Express collect f. o. b. Texas, 2,000 plants, \$4.25; 6,000 plants, \$11.88.

RED ACRE cabbage plants, 25 plants, 60c; 50 plants, 85c; 100 plants, \$1.29, postpaid. **PLEASE NOTE:** We do not accept orders for cabbage plants from Arizona, Florida, or California.

OLDS' CABBAGE NON-YELLOWS RESISTANT

70. EARLY JERSEY WAKEFIELD. (65 days.) Early Jersey Wakefield is the best known and most popular extra early pointed head cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 10c; ½ oz., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

86. OAKVIEW BALLHEAD. (105 days.) Our new heavy yielding late cabbage. See page 3. Pkt., 15c; ½ oz., 35c; oz., 60c; ¼ lb., \$1.75; lb., \$5.25, postpaid.

89. MAMMOTH ROCK RED. (97 days.) A large size, hard, solid, dark purple red, round cabbage. Excellent keeper. Average heads 7 inches in diameter and weight about 6 pounds. Fine for color in salads. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00, postpaid.



Golden Acre.

73. GOLDEN ACRE. (64 days.) Earliest of all varieties. It is an extra early selection of the Copenhagen type. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. A good winter variety if planted late. Quality excellent. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

82. PREMIUM LATE FLAT DUTCH. (100 days.) This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 10c; ½ oz., 20c; oz., 30c; ¼ lb., 80c; lb., \$2.45, postpaid.



Bonanza.

71. BONANZA. (86 days.) A new outstanding shipping and market variety. The head is round, very firm, and uniform. Has the shortest core of any cabbage we have seen. Average 6½ inches in diameter and 4 pounds in weight. It forms a small firm head early in the season and continues to grow to maximum size. This makes it ideal for early harvest when the market is high, or it can be held in the field for a considerable time after maturity. It will stand shipping to distant markets. Pkt., 15c; ½ oz., 30c; oz., 45c; ¼ lb., \$1.40; lb., \$4.25, postpaid.

83. CHIEFTAIN SAVOY. (90 days.) Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves very much crumpled. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.30; lb., \$3.90, postpaid.

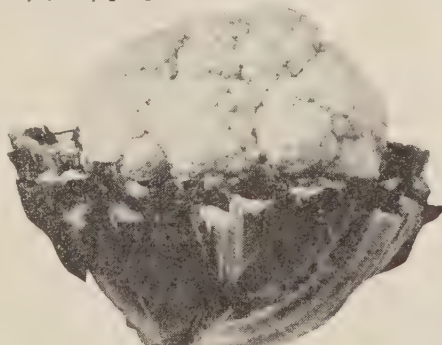


Premium Late Flat Dutch

OLDS' CAULIFLOWER

Olds' Cauliflower Seed is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. The figures after the name show time required to produce heads after setting plants.

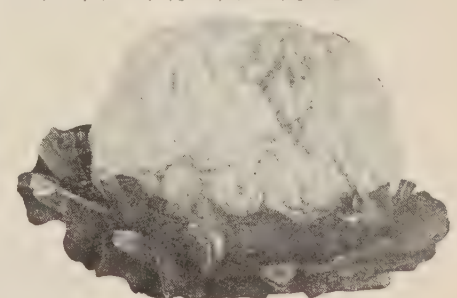
***91. SUPER SNOWBALL.** (55 days.) The earliest and most uniformly heading cauliflower. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested four months from the time the seed is sown. Pkt., 15c; 2 pkts., 25c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.35; ¼ lb., \$4.00, postpaid.



Super Snowball.

***90. IMPROVED EARLY SNOWBALL.** (Snowdrift.) (60 days.) One of the most popular early varieties either for the home or market garden. The medium sized, snow white heads (six to ten inches in diameter) are firm, compact and solid, with few short upright leaves. Pkt., 15c; 2 pkts., 25c; ¼ oz., 45c; ½ oz., 75c; oz., \$1.35; ¼ lb., \$4.00, postpaid.

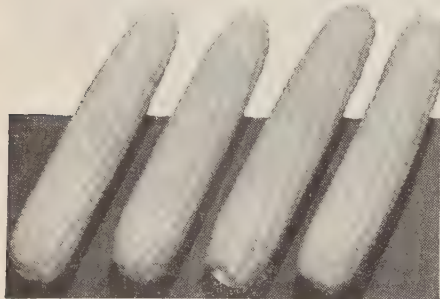
93. DRY WEATHER. (68 days.) The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads, too. Larger than Snowball and is a sure header. Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., 85c; oz., \$1.50; ¼ lb., \$4.50, postpaid.



Dry Weather.

OLDS' SWEET CORN

Our Sweet Corn is all first-class, high testing seed. Our packets are larger than the usual packet and enough for 30 to 40 hills. About ten pounds will plant an acre. Varieties marked with ★ are excellent for freezing. For larger amounts see our Market Gardeners' List opposite page 1.



Golden Cross Bantam Hybrid.

TREAT SEED CORN WITH ARASAN

An effective dry seed disinfectant and protectant for destroying many surface seed-borne organisms and protecting the seed against certain soil-borne organisms responsible for seed decay. Usually improves stand of seedling and frequently increases yield of quality crops. Tests show 8.5 bushels per acre increased yield of corn. Excellent reports on use of Arasan for many vegetables, soybeans, corn, peanuts and sorghums. Prices: ¾ oz. pkg. (enough for 1 bu. of seed.) 25c; 8-oz. can, \$1.00; 2-lb. can, \$3.20, postpaid.



HYBRID VARIETIES

Hybrid sweet corn excels in quality, yield, even maturity and resistance to Stewarts disease. We suggest planting several varieties for longer picking season.

★141. **GOLDEN CROSS BANTAM HYBRID.** (84 days.) A cross of two inbred Bantams. It is midseason about four days later than regular Bantam. Stalks average about 6 feet in height and very sturdy. Two ears are usually produced on each stalk averaging 8 inches in length and 12 to 14 rows. It will yield about 50 per cent more than regular Bantam and is resistant to Stewart's Disease. Hybrid corns are remarkable for their uniformity of stalk, ears, and time of ripening. For the home gardens it should be planted at intervals, otherwise it will all ripen at one time. Quality is excellent. Pkt., 10c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.



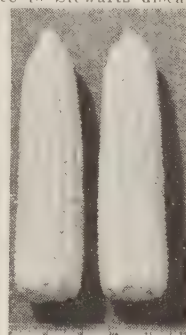
Improved Spanscross Hybrid.

★135. **IMPROVED SPANSCROSS HYBRID.** (64 days.) (Pedigree C13 by C3.)

The stalks are stocky, averaging about 4½ feet in height. Ears appear about 10 to 12 inches above the ground. They are medium size, averaging about 7 to 7½ inches in length and are mostly 12 rows of a light yellow color. The quality is excellent for such an early corn. It seems to be somewhat resistant to wilt and cold weather. Not equal in quality to later Hybrids. Pkt., 15c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

★136. **WISCONSIN GOLDEN 900.** (79 days.) A second early hybrid of extremely fine quality. Produces two very sweet ears to the stalk. See page 2 for complete description. Pkt., 15c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

★137. **GOLD RUSH HYBRID.** (74 days.) An extra early hybrid of excellent quality that is ready 10 days ahead of Golden Cross Bantam. Each year our sales of this variety increase over the previous year. Today it is our largest selling variety of sweet corn because of the heavy demand from the market gardeners and truckers. See page 3 for description. Pkt., 15c; 2 pkts., 25c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.



Gold Rush Hybrid.

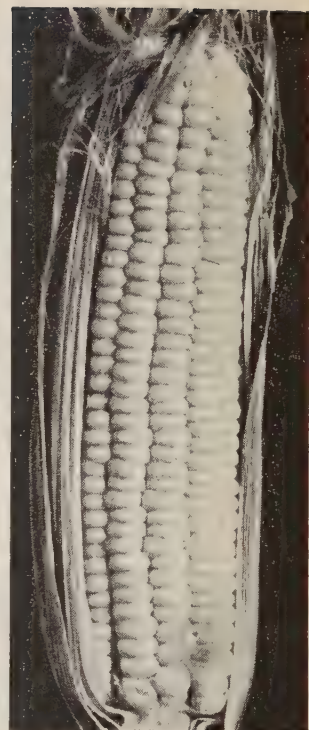
★144. **MINIATURE HYBRID.** (67 days.) A fine sweet corn for the gardener with limited space as the plants, which are dwarf, can be planted as close as 1 to 2 feet. The remarkably sweet ears measure about 5 inches in length with 8 rows of deep golden kernels on a very thin cob. Strictly a home garden variety that is ideal for fresh use and for freezing. Pkt., 15c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

★149. **GOLDEN BEAUTY HYBRID.** (71 days.) This new variety should be classed as an improved Marcross. It is a day or two earlier than the Marcross but the ears are much more uniform, always 12 rows, very cylindrical and attractive in shape. The ear length is about 7½ to 8 inches and the plant grows to a height of about 5 feet. The quality is better than Marcross. Not as early as Improved Spanscross, but better quality. We urge all of our market gardener customers to plant this new hybrid in place of Marcross. See page 1 for illustration. Pkt., 15c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

★152. **STOWELL'S EVERGREEN HYBRID.** (95 days.) A standard main crop, late, white corn, similar to the open pollinated variety but a better, more uniform yielder. Stalks grow 7 to 8 feet tall, producing large 8 to 9 inch ears with 16 or more rows. Pkt., 15c; ½ lb., 45c; 1 lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

★143. **BLENDED HYBRID SWEET CORN.** Hybrid Sweet Corn is undoubtedly the finest type of sweet corn. It is resistant to Stewart's Disease and for yield and quality cannot be excelled. It has one objection in the home garden in that it matures all at one time. To overcome this we have taken and mixed several hybrids of different maturities. By planting this mixture you will have the finest quality sweet corn throughout the sweet corn season. Pkt., 10c; ½ lb., 40c; 1 lb., 75c; 2 lbs., \$1.40; 5 lbs., \$3.00, postpaid.

Dust 5% D. DT Dust on silk to control ear worm.



Golden Sunshine.

NON-HYBRID VARIETIES

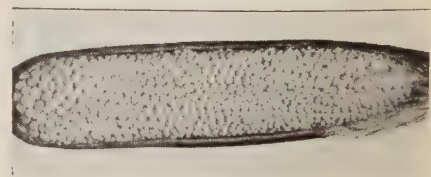
★148. **GOLDEN SUNSHINE.** (76 days.) The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 5 to 7 days earlier than Golden Bantam. This valuable variety was developed and introduced by Dr. Yeager while at the North Dakota Agricultural Experiment Station. It has a rich, golden color; the ears are about one inch longer than the ears of Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. Pkt., 10c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★146. **GOLDEN or BANTAM EVERGREEN.** (88 days.) Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. A fine second-planting variety Evergreen type of ear with 14 to 18 rows. Kernels rich golden yellow, deep with tender hull, sweet and fine quality. Pkt., 10c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

★147. **STOWELL'S EVERGREEN.** (96 days.) The most largely planted of all late white varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Ears are 8 inches long with 14 to 18 rows. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use. Pkt., 10c; ½ lb., 30c; 1 lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

★139. **COUNTRY GENTLEMAN.** (93 days.) Often called "Shoepig" corn because of the long narrow pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with two to five 7-inch ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn. Widely used by canners for cream style corn. Pkt., 10c; ½ lb., 35c; 1 lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

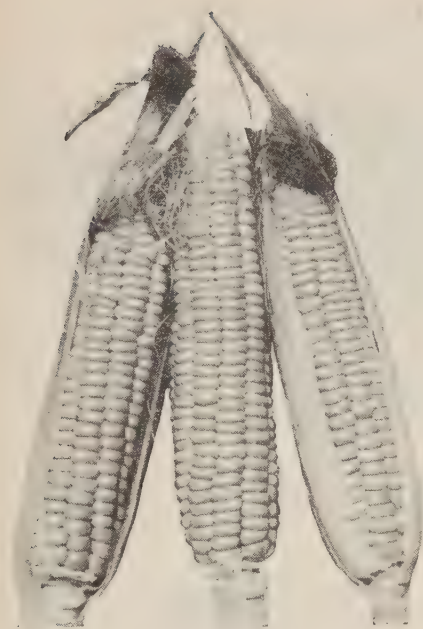
Other non-hybrids next page



Country Gentleman.

OLDS' HYBRID SWEET CORN COLLECTION

★3C. Unquestionably the hybrids are the finest sweet corns on the market today, but they all ripen over a period of a few days' time. To extend the sweet corn season in the home garden we have made up a collection of hybrids that will reach the picking stage over a 70 to 90 day period. Plant all at one time and have delicious sweet corn for 3 weeks. This collection consists of the following varieties: Golden Beauty, 71 day hybrid; Gold Rush, 74 day hybrid; Wisconsin Golden 900 hybrid, 79 days, and Golden Cross Bantam hybrid, 85 days. Collection of one packet of each, 40c; ½ lb. of each, \$1.40; 1 lb. of each, \$2.60, postpaid.



Golden Bantam.

★142. **GOLDEN BANTAM.** (80 days.) Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other open pollinated corn. The small 8-rowed ears, usually less than 7 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn but the hybrids. The kernels are tender, very wide and of good depth, and the flavor delicious. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

DECORATIVE RAINBOW CORN

155. **RAINBOW FLINT.** This variety of Flint corn produces long, smooth, glossy ears with an assortment of colored kernels: orange, white, blue, black, yellow, maroon. The ears make wonderful Fall decorative material. Pkt., 10c; 2 pkts., 15c; ½ lb., 30c; lb., 50c, postpaid.



Golden Self-Blanching.

117. **GOLDEN SELF-BLANCHING.** (85 days.) (American Grown.) The leading white early green celery for summer use. Plants, stocky and robust and of compact habit; stalks, heavy and solid, with large, stringless, close-set ribs; heart a fine golden yellow and remarkably crisp and tender.

It is the earliest white celery to mature, and not liable to blight. A good keeper and shipper. Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.20, postpaid.

★116. **CORNELL 619.** (100 days.) A Yellows Resistant golden celery that combines the good qualities of the Pascal type with the easy blanching qualities of the Golden Self Blanching. The vigorous plants average about 25 inches in height and the edible ribs average about 9 inches. Hearts are long and the stems thick, rounded and smooth. Pkt., 20c; ½ oz., 70c; oz., \$1.30; ¼ lb., \$4.00, postpaid.

138. **HOWLING MOB.** (85 days.) When first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop white varieties. Very productive, ears 7 to 8 inches long, with twelve to sixteen rows. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

140. **BLACK MEXICAN.** (88 days.) One of the largest and sweetest of all varieties of sweet corn. Ears 8 inches long with 8 rows. Kernels bluish-white when in the eating state. The best second early for the home garden. Pkt., 10c; ½ lb., 35c; lb., 65c; 2 lbs., \$1.20; 5 lbs., \$2.60, postpaid.

145. **EARLY EVERGREEN.** (88 days.) An extra fine strain of Stowell's Evergreen with large white ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Ears 8 inches long with 14 to 18 rows. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

OLDS' POP CORN

154. **TOM THUMB OR HULLESS.** (85 days.) Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are 3½ inches and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hulless and when popped there is no hard center, making it the finest eating of all open pollinated varieties. It is a favorite in all markets. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.10, postpaid.

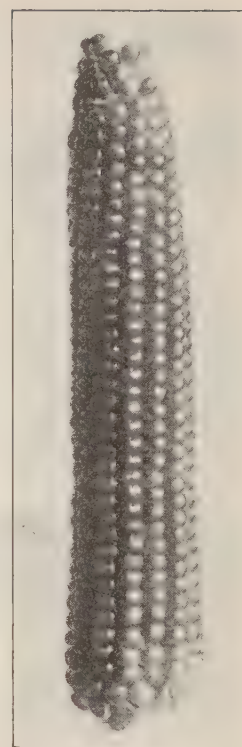
150. **WHITE RICE.** (95 days.) The familiar shoepegged variety, several 6 inch ears to each stalk. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid.

153. **SOUTH AMERICAN MUSHROOM.** (105 days.) Also called T-N-T. Popular for making caramel corn. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped with a very delicious flavor and a buttery color. Not as tender as the hulless kinds.



Minhybrid.

It is an immense yielder with stalks growing to a height of 6 to 8 feet, producing 2 to 3 large ears, 7 inches long or over. Pkt., 10c; ½ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.10, postpaid.



South American Mushroom.

151. **MINHYBRID.** (83 days.) The Minnesota Experiment Station has developed a Hybrid Hulless or Tom Thumb Pop Corn which seems to be the last word in pop corn. Like all hybrids, it stands up well, has a heavy root growth. Ears are chunky and about 4 inches long. In developing this hybrid, popping qualities and size were of first importance. It matures earlier than Hulless and is resistant to smut damage. Trials show a 16 per cent greater yield and 29 per cent greater popping expansion. Prices: Pkt., 15c; 2 pkts., 25c; ½ lb., 45c; lb., 85c; 2 lbs., \$1.60; 5 lbs., \$3.40, postpaid.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants. Seed requires three to four weeks to germinate.

122. **NON-BOLTING GOLDEN PLUME.** (90 days.) A variety recommended for early planting in the North where under unfavorable conditions all other strains will bolt to seed. Plants are medium size, stalky, full hearted and compact. The thick solid stalks blanch readily to a clear creamy white which are of the finest table quality. Pkt., 15c; ½ oz., 55c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

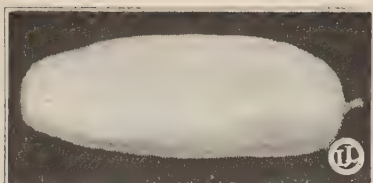
118. **GIANT PASCAL.** (180 days.) A standard fall and winter green variety, but not a good shipper on account of its tender stalks. The stalk is of medium length and green; is very thick and nearly round, but flattened toward the base. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.75, postpaid.

124. **SUMMER PASCAL.** (85 days.) An early green celery of superior quality. Thick, tender stems measuring 8 to 9 inches to the first joint. The plant is sturdy and robust, making a thick, solid plant. The unblanched stocks are exceptionally fine in flavor. Nothing finer for an early celery. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.35, postpaid.



Summer Pascal

OLDS' SELECT CUCUMBERS



White Wonder.

171. WHITE WONDER. (60 days.) A beautiful snow-white cucumber that retains the white color when fully ripe. Smooth, 8 to 10 inches long, and very uniform. The flavor is very pleasing and the flesh firm and crisp. White Wonder is a heavy bearer and is fine for slicing and pickles. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.

166. MARKETER. (65 days.) An excellent white spine slicer. See page 2 for illustration and description. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.



Burpee Hybrid.

159. BURPEE HYBRID. (60 days.) A F1 hybrid white spine, slicing type cucumber. Highly resistant to mosaic and downy mildew. Beautiful green fruits, eight inches and more in length, and about two inches wide, square at both ends with a medium seed cavity. Flesh is crispy white of excellent quality. Vigorous vines that continue to bear their fruits much longer than the open-pollinated varieties, producing a greater yield of quality fruit. Pkt., (1/32 oz., about 25 seeds), 20c; 2 pkts., 35c; $\frac{1}{2}$ oz., \$2.25, postpaid.

165. IMPROVED LONG GREEN. (70 days.) A standard main crop, black spine, table and pickling variety. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.20, postpaid.

168. EARLY RUSSIAN. (52 days.) The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Black spines. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.05, postpaid.

161. WISCONSIN SR-6. (55 days.) A new spot rot or scab resistant pickling variety developed by Dr. J. C. Walker and plant specialist at the Wisconsin College of Agriculture. It is the ideal pickle to grow where spot rot is a major problem. Very prolific with good plant vigor. Fruit $5\frac{1}{2}$ to 6 $\frac{1}{2}$ by 2 $\frac{3}{4}$ inches with minimum of black spines. Developed by crossing and back-crossing Maine No. 2 and National Pickling. Similar to National Pickling although probably a trifle thicker. Has good color. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.



Wisconsin SR-6 Cucumber.

CULTURE: Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears, thin to 3 plants to the hill. Hotkaps will hasten growth and protect plants. See page 6. A packet will plant 12 to 15 hills, two pounds one acre. Be sure and have the ground free from clods in growing long varieties. This will insure straight fruits. Use a Rotenone dust for the striped bugs.

167. WISCONSIN SMR-12. (55 days.) Our new spot rot and mosaic resistant pickling cucumber. See page 1 for illustration and complete description. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00, postpaid.

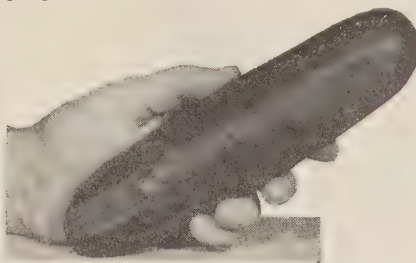
156. EARLY GREEN CLUSTER. (55 days.) A small variety, about six inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Used for pickles. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

170. JAPANESE CLIMBING. (58 days.) A distinct variety which can be planted to cover trellises and fences. When in the slicing stage it is of dark deep green color. It is a black-spined variety used primarily for slicing. Average fruits measure 9 $\frac{1}{2}$ x 3 inches. It is one of the most vigorous and disease-resistant growing cucumbers on our entire list and the edible qualities are fine. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.



Stays Green.

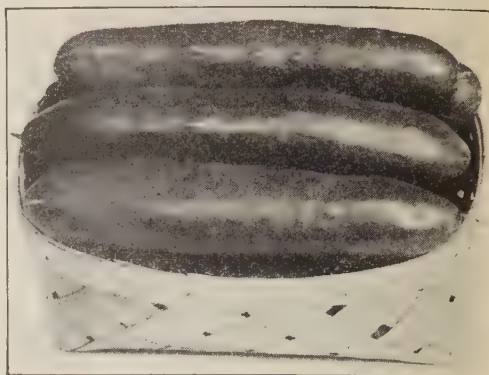
157. STAYS GREEN. (60 days.) A popular early, dark green white spine variety. Fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Holds its deep green color for a long period. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.



Cubit.

162. CUBIT. (60 days.) A 1944 All-America Winner. The fruits are deep dark green in color, cylindrical in shape with rounded ends. Average length about 8 inches. A heavy yielding white spine variety of excellent quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10, postpaid.

158. IMPROVED CHICAGO PICKLING. (59 days.) Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety and early slicer. Fruits medium green, nearly square ended. Average $6\frac{1}{2}$ x 2 $\frac{1}{4}$. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

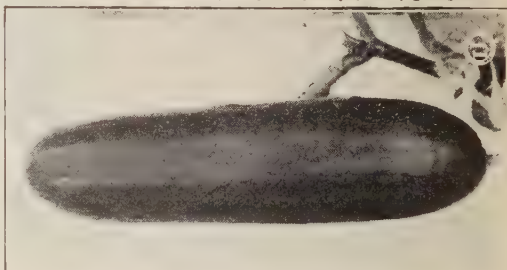


Longfellow.

172. LONGFELLOW. (70 days.) The cucumbers are 12 to 16 inches long, thinner than Davis Perfect and very uniform in shape and size, with decidedly few seeds. White spine. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.



164. SELECT OR IMPROVED WHITE SPINE. (65 days.) A popular white spine cucumber for the home garden and grown quite extensively for shipping and market. Fruits medium dark green averaging 7 inches in length by 2 $\frac{1}{2}$. Slightly tapered and blunt. Remain in good condition remarkably long. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.



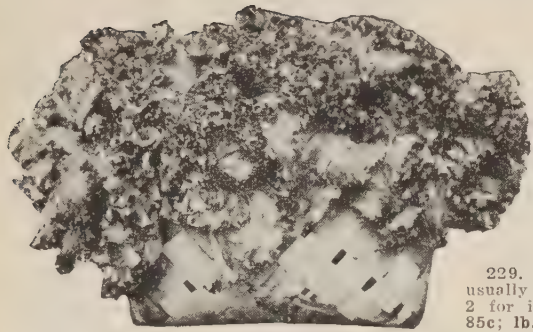
Straight Eight.

163. STRAIGHT EIGHT. (68 days.) This outstanding variety produces symmetrical, cylindrical fruits about eight inches in length and one and one-half inches in diameter. Fruits are well rounded at the ends and of a deep green color when ready to use. They are free from objectionable striping or tipping. An ideal home and market variety. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.10, postpaid.



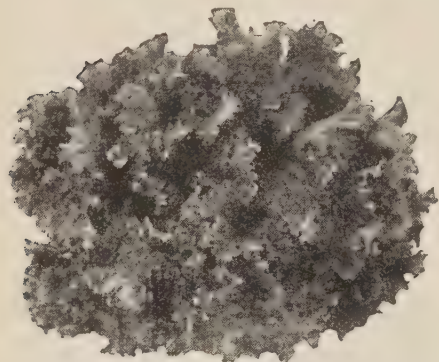
Chicago Pickling.

Olds' Crispy Lettuce



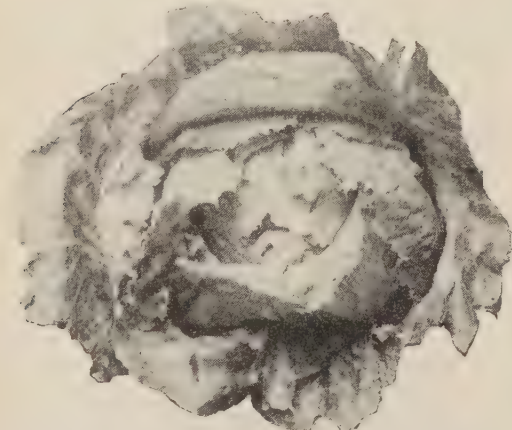
Grand Rapids.

215. GRAND RAPIDS. (Earliest Forcing.) (43 days.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.10, postpaid.



Black-Seeded Simpson.

219. BLACK-SEEDED SIMPSON. (46 days.) Probably the most widely planted loose-leaf variety. The leaves, light green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.05, postpaid.



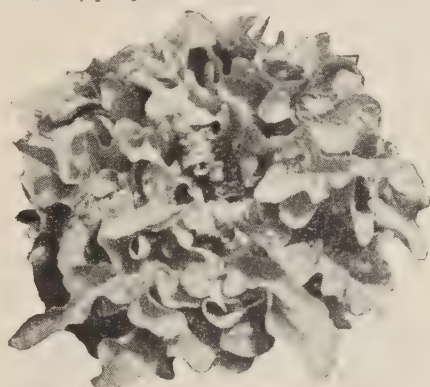
Iceberg.

CULTURE: A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart. A packet will sow 25 or 30 feet. Three pounds will sow an acre.

229. BIBB. (57 days.) The small heads are usually served individually as a salad. See page 2 for illustration. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

222. SALAD BOWL. (50 days.) This variety received a gold medal award in the 1952 All-America Contest. A loose leaf variety that will stand heat and sun very well and is slow to bolt to seed. It grows fast and large, leaves are short and closely set, wavy, notched and hold their quality, tenderness, and fine texture over a long period. See page 3 for illustration. Pkt., 15c; oz., 45c; ¼ lb., \$1.30; lb., \$3.95, postpaid.

230. CHICKEN LETTUCE. A medium green, loose curly leaf lettuce that grows tall. Leaves are thick with straight edges. The largest lettuce in cultivation, especially at maturity when it begins to seed. Used for feeding pets and poultry. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

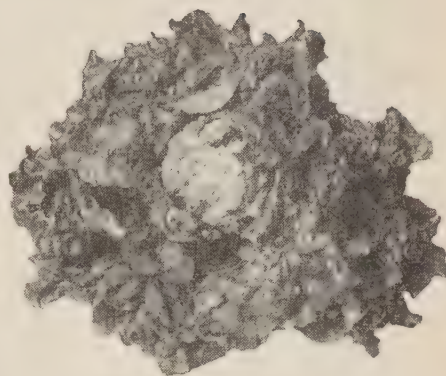


Olds' Oakleaf.

221. OLDS' OAKLEAF. (45 days.) A lettuce we introduced in 1917 and is today the best loose leaf lettuce for the home garden. Olds' Oakleaf Lettuce is a distinct type. It forms a close center with rather loose outer leaves; medium sized and medium green. The leaves are deeply lobed in the middle and the middle lobe is long like a finger, giving the plant a peculiar appearance. The quality is excellent, but its most important recommendation is that it does not get bitter with age. It is the one variety that is excellent late in the summer when other varieties are of poor quality. Pkt., 10c; oz., 30c; ¼ lb., 95c; lb., \$2.85, postpaid.

218. NEW YORK NO. 12. (70 days.) A large head lettuce and very popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Quality is excellent. Pkt., 10c; oz., 40c; ¼ lb., \$1.30; lb., \$3.90, postpaid.

216. ICEBERG. (84 days.) A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Very popular in the Northwest. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.70, postpaid.



Early Prize Head. Loose Leaf.

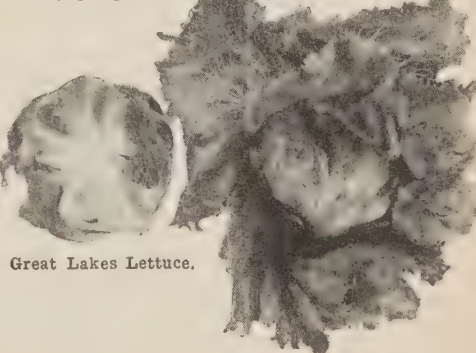
220. EARLY PRIZE HEAD. (47 days.) One of the best known and most popular varieties in America. It is not a head lettuce but a curled, crisp, loose leaf lettuce of medium size; color, green with edges a reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.05, postpaid.



Paris White Cos.

231. PARIS WHITE COS. (66 days.) The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self-blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.10, postpaid.

217. GREAT LAKES. (75 days.) This variety is so reluctant to go to seed that it has been difficult to obtain seed. Heads are small, firm, and flattened. The leaves fold completely over the heads. Foliage dark green and veined. Pkt., 15c; oz., 55c; ¼ lb., \$1.60; lb., \$4.75, postpaid.

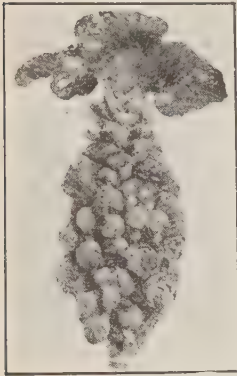


Great Lakes Lettuce.

OLDS' CHILDREN'S GARDEN COLLECTION

50C. Here is a collection of items that will delight the children. One full size packet each of Mammoth Virginia Peanuts, Tom Thumb Pop Corn, Ice Box Watermelon, Sparkler Radish, Mixed Annual Flower Seeds. All for 30c, postpaid.

OUT OF THE ORDINARY VEGETABLES



Brussels Sprouts.

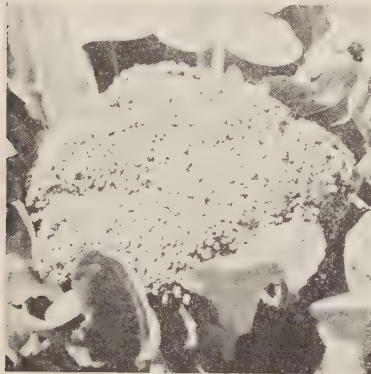
ARTICHOKE

2. GREEN GLOBE. A perennial vegetable that is grown for the edible blossoms. In the South it is grown outdoors and usually produces blossoms the second year. In the North, gardeners must bring it indoors in the winter, for it will not stand freezing. Pkt., 15c; ½ oz., 50c, postpaid.

BRUSSELS SPROUTS

Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

★**65. LONG ISLAND.** (95 days.) The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.75; lb., \$5.20, postpaid.



Green Sprouting Broccoli.

BROCCOLI

★**97. GREEN SPROUTING.** (60 days.) Hardier and easier to grow than cauliflower. This variety of Broccoli forms a plant with a large solid head that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

★**98. GREEN MOUNTAIN.** (62 days.) A new green sprouting broccoli which we think will displace most of the other early varieties. Forms very large compact dark green center heads with tight fine buds, making it unusually attractive for market or freezing. Flower stems are long, making it easy to divide large heads for freezing and the heads mature uniformly. The laterals are large, sometimes the equal of the central head. Quality excellent. Pkt., 15c; oz., 65c; ¼ lb., \$1.90; lb., \$5.80, postpaid.

CELERIAC (ROOT CELERY)

125. NEW GIANT PRAGUE. (115 days.) A type of celery where the roots are eaten instead of the tops. An easily grown vegetable that deserves a place in your garden. It forms a turnip-shaped root about two inches in diameter, with the flavor of fine celery. Splendid for soup, stews, salads, etc. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.80, postpaid.

CHICORY

The Winter Delicacy.

130. WITLOOF CHICORY. (140 days.) (French Endive.) A delicious winter salad. Grown for its delicate shoots which are produced from the roots in winter storage. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.20, postpaid.

CRESS (Pepper Grass)

The green leaves are used for salads and flavoring.

134. EXTRA CURLED. (50 days.) The best variety. Pkt., 10c; oz., 25c; ¼ lb., 75c, postpaid.



Early White Vienna Kohlrabi.

KOHLRABI

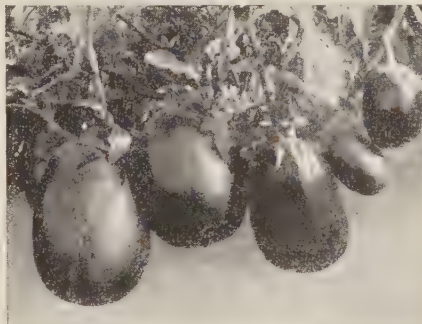
Kohlrabi has a mild turnip and cabbage flavor. The bulb, which is formed above the ground, is excellent sliced raw or cooked when young and tender like carrots. Just as easy to grow as a radish. Plant in rows and thin by using the bulbs when small. Deserves to be in every garden.

205. EARLY WHITE VIENNA. (60 days.) Probably the best early variety. Small tops. Medium size, handsome, white bulbs, with crisp, mild, tender interior. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.55, postpaid.

206. PURPLE VIENNA. (63 days.) A popular purple variety with white, crisp, mild interior. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.65, postpaid.

EGG PLANT

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried to a crisp brown.



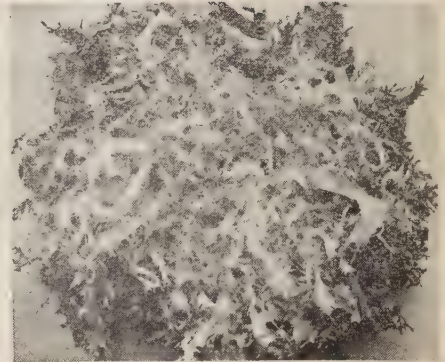
New Hampshire Egg Plant.

182. NEW HAMPSHIRE. (70 days.) A short season variety developed by the New Hampshire Experiment Station. Plant about 18 inches in height with small leaves. In our opinion it is the finest home garden variety to grow in the North, due to its extreme earliness and yielding ability. Fruits are medium sized, deep purple, and round to olive shaped. Pkt., 15c; ½ oz., 60c; oz., 95c; ¼ lb., \$2.90, postpaid.

181. BLACK BEAUTY. (83 days.) The best egg plant to grow for market. Also excellent for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.

GARDEN HUCKLEBERRY

200. GARDEN HUCKLEBERRY or WONDERBERRY. A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is bitter when not fully ripened. Recipe for use on each packet. Pkt., 15c; ½ oz., 55c; oz., 90c; ¼ lb., \$2.75, postpaid.



Green Curled Endive.

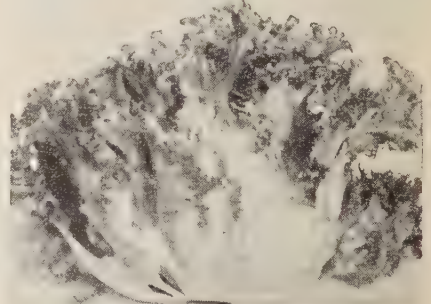
ENDIVE

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It may also be used for flavoring stews and soups.

185. GREEN CURLED. (96 days.) Dark green leaves; blanches white. Very attractive. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.

186. WHITE CURLED. (96 days.) Leaves finely cut and almost white. Fine for salad. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

187. FULL HEART BATAVIAN. (Escarole) (90 days.) We think this the finest strain of broad-leaf Endive. Received All-America award in 1934. Plant about 12 inches high. It has deep, full hearts with large dark green leaves slightly curled on the edges. The compact heads reach good size and easily blanch to a creamy yellow. Usually planted for a late crop in the North in late June. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



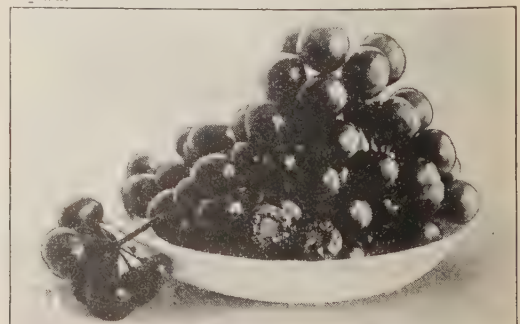
Full Heart Batavian Endive

CHIVES (Schnittlauch)

279. Chives belong in the perennial class of onions. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Only the tops are used for cooking. A pretty plant in the rock garden, with its purple blossoms. Pkt., 15c; 2 pkts., 25c; ½ oz., 70c; oz., \$1.25; ¼ lb., \$3.50, postpaid.

CITRON

275. COLORADO PRESERVING. (95 days.) Green seeded, perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.90, postpaid.



Garden Huckleberry or Wonderberry

GOURDS

193. **ITALIAN EDIBLE.** (Italian Simeza Teneroni.) A large, long gourd that is grown both for ornamental purposes and for food. The Italian people prepare these in various ways, baking like a squash. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

199. **MIXED LARGE.** This mixture contains a very wide range of colors, shapes and sizes such as Club, Calabash, etc. Makes fine birdhouses and ornaments. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

OLDS' HERBS

480. **ANISE.** The leaves are finely fringed; used in garnishing and flavoring. Pkt., 10c; ½ oz., 35c, postpaid.

481. **BALM.** (Perennial.) The leaves are very fragrant; used to flavor summer drinks. Pkt., 15c; 2 pkts., 25c; ½ oz., 80c, postpaid.

479. **BASIL, SWEET.** An annual herb growing about 2 feet high with a pleasant, sweet flavor. Used for flavoring foods. Leaves and flowers are used either fresh or dried. Pkt. 10c; 2 pkts., 15c; ½ oz., 40c; postpaid.

482. **BORAGE.** The leaves are used for flavoring cordials. It is also excellent as bee food. It grows freely; has beautiful sky blue flowers. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c, postpaid.

483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c, postpaid.

484. **CORIANDER.** The seeds are used in pickles and confectionery. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

491. **FLORENCE FENNEL.** (Sweet Anise) Grown for the bulb-like structure formed by the enveloping thickened bases of the stalks of the lower leaves. Grows 2 to 3 feet tall. Aromatic with a distinct flavor. Pkt., 10c; ½ oz., 35c, postpaid.

486. **HOREHOUND.** (Perennial.) Leaves are used in confectionery and for seasoning. Pkt., 15c; ½ oz., \$1.25, postpaid.

487. **LAVENDER.** (Perennial.) Leaves are used for seasoning and the dried leaves for sachets. Pkt., 10c; 2 pkts., 15c; ½ oz., 65c, postpaid.

489. **MARJORAM.** (Perennial.) Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; ½ oz., 55c, postpaid.

490. **ROSEMARY.** (Perennial.) The leaves are used for flavoring soups and meats. Pkt., 15c; ½ oz., 75c, postpaid.

497. **RUE.** (Perennial.) A strong, scented herb native to southern Europe. The attractive blue-green leaves are used sparingly in soups, salads, stews, and dressings. Attains a height of 24 to 36 inches. Pkt., 15c; ½ oz., 95c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasonings in dressings; the most popular of all herbs. Pkt., 15c; ½ oz., 60c; oz., \$1.00; ¼ lb., \$3.00, postpaid.

494. **SUMMER SAVORY.** Dried leaves and flowers are used for flavoring soups and dressings. Pkt., 10c; ½ oz., 40c, postpaid.

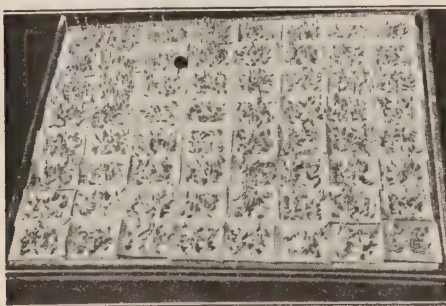
488. **SWEET FENNEL.** (Perennial.) Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c, postpaid.

496. **THYME.** (Perennial.) The leaves and shoots are used for seasoning and flavoring sausage and other meats. Pkt., 15c; ½ oz., \$1.00; oz., \$1.75, postpaid.

498. **WORMWOOD.** (Perennial.) The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 15c; ½ oz., 85c, postpaid.

SEEDS THAT GROW FROM FOLKS WHO KNOW

The photograph below shows a germinator tray with sprouting seeds. This is one of the ways we test seeds for germination. In our well-equipped laboratory a full-time analyst is employed who is continually checking all lots of seed for purity and germination. Every package of seed is stamped with a code letter and number and we can give you our laboratory test on any lot of seed if you will give us this number. All field seeds are shipped with a tag bearing our laboratory test both for purity and germination.



OKRA

The long pods are used in soups and salads.

278. **EMERALD.** (55 days.) Superior to Early Dwarf Long Pod as the pods are darker and much more attractive. Developed by the Campbell Soup Company. The vigorous semi-dwarf plants produce slender and tapered pods that are deep-green, round, slightly curved, and almost free of spines. Fruit has thick walls and excellent flavor. Seed may be planted in the open ground as it is very early. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.15, postpaid.



Olds' Mustard Spinach.

MUSTARD

Used for greens and salads during the hot summer months.

257. **SOUTHERN GIANT CURLED.** (60 days.) Most popular variety. Leaves large and wide, bright green and curly on the edges. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.10, postpaid.

259. **MUSTARD SPINACH OR TENDER GREEN.** (50 days.) It is a very desirable quick growing, tender variety with long, broad, smooth leaves and white mid-ribs. The tender dark green leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

SALSIFY OR VEGETABLE OYSTER

397. **MAMMOTH SANDWICH ISLAND.** (160 days.) Used as a creamed vegetable and in flavoring soups. The roots are long, smooth, creamy white, and straight. Keeps well in storage or can be left in garden over winter and used in the spring. Pkt., 10c; oz., 40c; ¼ lb., \$1.30; ½ lb., \$2.00; lb., \$3.90, postpaid.

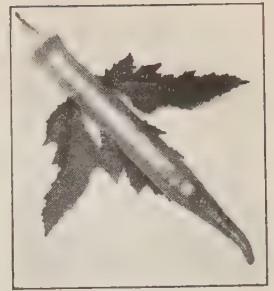


Giant Musselburg Leek.

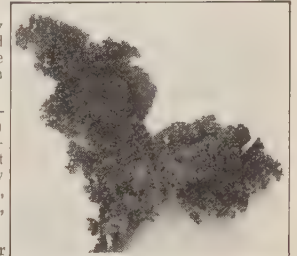
LEEK

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

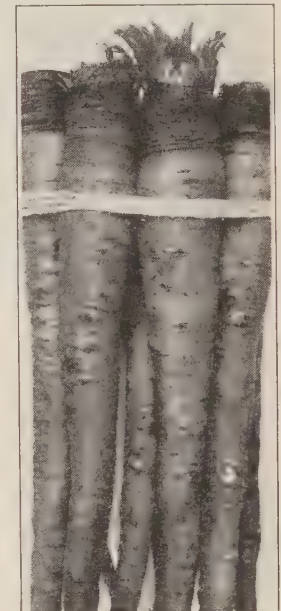
210. **GIANT MUSSELBURG.** (145 days.) Long, thick, white stems. Medium green leaves. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$3.90, postpaid.



Emerald Okra.



Dwarf Curled Scotch Kale.



Salsify.

OLDS' SWEET POTATO PLANTS

Sweet potatoes are easily grown in the North from plants, and we sell thousands of them each Spring. Free cultural leaflets are sent with each order. Plants are sent directly from our growing station at planting time. Southern orders after March 25th. Northern orders usually about June 1st. Customers should state the time plants are wanted.

We do not accept plant orders from the state of California.

YELLOW JERSEY. Skin and flesh light yellow, medium sized, excellent for the North.

PUERTO RICO. Copper skin, orange flesh, sweet, moist, medium to large size.

Prices: 50 plants, \$1.15; 100 plants for \$1.65; 200 plants for \$2.75; 500 plants for \$5.29; 1,000 plants, \$8.95, postpaid.

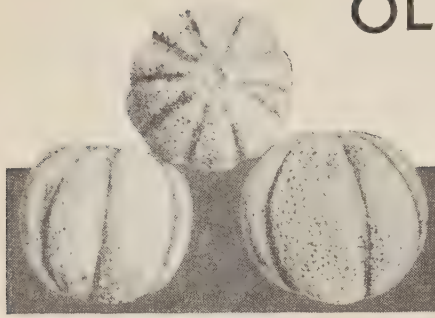
NEW BUSH SWEET POTATO

BUSH PORTO RICO. This new bush variety does not make a trailing vine but grows upright like an Irish potato. The gardener with limited space may now grow sweet potatoes. Skin is copper color and flesh is orange, moist and sweet. They have outyielded the old type in the South by 50%.

Prices: 25 plants for 98c; 50 plants for \$1.80, postpaid.

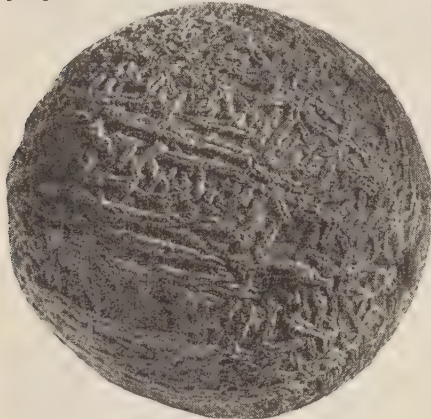


OLDS' MUSKMELONS



Lake Champlain.

235. LAKE CHAMPLAIN or Golden Champlain. (78 days.) The extra early melon. On our trial grounds, the earliest, in fact, of all varieties. Lake Champlain is a round to oval melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. Melons are not very uniform as to type, averaging 6 by 5 inches. An extra early melon for the home garden. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.

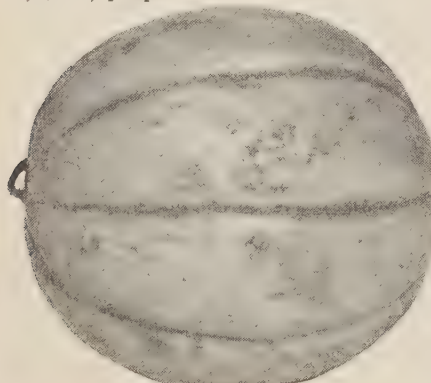


Honey or Sugar Rock.

251. HONEY or SUGAR ROCK. (87 days.) This melon has a deep orange flesh and a flavor different from other sorts. The fruits are oval and medium in size, about 5½ by 5 inches, not ribbed. This melon is not as large as the Milwaukee Market but is more productive and of better quality. A favorite second early with Wisconsin melon growers. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.45, postpaid.

★ **249. DELICIOUS.** (84 days.) An early type of Bender, which is one of the very best for the roadside stand or home garden. The melons are round, slightly oval, measuring 6 to 7 inches and weigh about 5½ to 6 pounds. The flesh is thick, bright salmon, very sweet with a delicious flavor. The rind is creamy green in color when mature. Better quality than Benders but will not stand shipping. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.

★ **253. HONEY DEW.** (110 days.) A distinct melon of the Casaba type. Smooth-skinned of a light cream color. Melons 8 to 10 inches. Flesh green and very sweet. Not recommended for northern states. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.



Wilt Resistant Iroquois.

Our muskmelon seed is grown exclusively for seed, and the best to be had. Melons not true to type are discarded.

CULTURE: Muskmelons like a warm, rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre. For larger amounts than quoted, see Market Gardeners' List, opposite page 1.

243. BENDER'S SURPRISE. (95 days.) A delicious, large, salmon-fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Fruits average eight inches by seven. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.

237. PENNSWEET. (83 days.) A fine, new, early, small-sized melon that will yield well in areas where we have short seasons. See page 1 for illustration and complete description. Pkt., 25c; oz., 60c; $\frac{1}{4}$ lb., \$1.70; lb., \$5.00, postpaid.

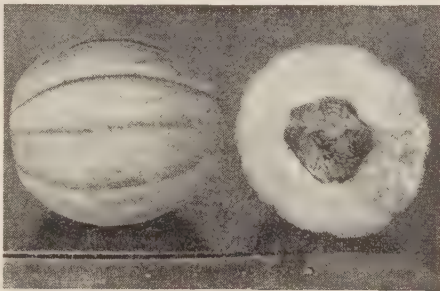
242. HALE'S BEST. (85 days.) An outstanding early-shipping melon. Fruits oval, inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of very fine quality. Fruits measure about 6½ by 5 inches in diameter. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.

244. ROCKY FORD. (92 days.) Fruit measure about 5½ by 4½ inches. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.

248. BANANA. (100 days.) Fruits, four-teen inches in length and four inches in diameter. It is banana-colored and pink-fleshed. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.

★ **247. HEARTS OF GOLD OR HOODOO.** (94 days.) (Improved Hoodoo.) One of the finest types of the early, small salmon-fleshed melons. The 6-inch melons are round, weighing about 3 pounds each; lightly ribbed with a fine gray netting; flesh sweet, very thick, deep salmon color; seed cavity, very small. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.30, postpaid.

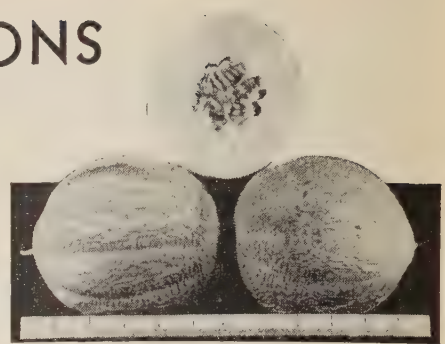
236. GOLDEN DELIGHT. (84 days.) A bronze medal winner in the 1952 All-America Contest. An exceptionally high quality melon that is very popular with truck gardeners. See page 3 for illustration and description. Pkt., 15c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.



Craig.

245. CRAIG. (90 days.) Very similar in appearance and quality to Pride of Wisconsin but earlier. In size larger than Pride of Wisconsin and smaller than New Yorker. Fruit has a tough rind and they will bulk satisfactorily in open trucks for short hauls. Sand colored coarse netting and yellowish tan at proper eating stage. Seldom produces slickers. Flesh is brilliant orange of delightful flavor with a small tight seed cavity which prevents softening of flesh in transit. Picked at full slip will stand a market delay of several days without loss in quality. Our favorite melon. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.

252. IROQUOIS. (Wilt Resistant.) (90 days.) Developed by Dr. H. M. Munger of the Cornell University, Ithaca, New York. It is resistant to some forms of fusarium wilt, and will produce a crop where other varieties fail. It is of the Pride of Wisconsin type. Fruit averages 7 inches long by 6 inches in diameter, grayish green skin with coarse medium netting. Hard green rind. Flesh thick deep salmon color, sweet flavor. Fine for roadside stands. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$2.75, postpaid.



New Yorker or Schoons Hard Shell.

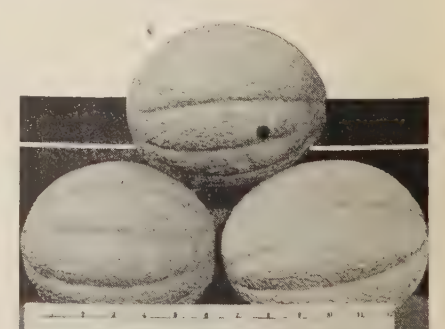
★ **240. NEW YORKER.** (Schoons Hard Shell). (90 days.) A type of Bender's that seems to be taking the place of Milwaukee Market with market gardeners. The fruits, which weigh five to seven pounds, are thick, oval shape with a heavy blossom scar which resists cracking. Ribbing is prominent with coarse netting. Gray-green color becoming yellow at maturity. Very hard and tough. The thick flesh is deep salmon-orange, solid, well flavored and of excellent quality. Fruits average 6 inches in diameter, 7½ inches in length. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.



Milwaukee Market.

241. MILWAUKEE MARKET. (90 days.) One of the larger melons for both market and home garden. Prolific, vigorous in growth and delicious in flavor. The skin is light green, fruits nearly round, about 7 by 6 inches, with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; lb., \$2.35, postpaid.

★ **246. PRIDE OF WISCONSIN.** (95 days.) The handsome fruits measure about seven by six inches and weigh about four pounds. The rind is very hard of a pearly gray color, faintly ribbed and heavily covered with a distinctive netting. The flesh is unusually pink and of excellent quality and flavor. The triangular seed cavity is almost compact. The flesh of this melon does not soften prematurely and it can be picked fully ripe and shipped long distances. The first fruits ripen in about 90 days and they are of uniformly large size and continue to bear throughout the season giving the grower many pickings of No. 1 fruits. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.45, postpaid.

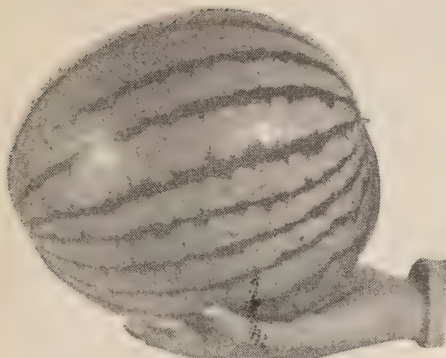


Pride of Wisconsin.

Olds' Watermelons

Our watermelon seed is the best for planting in the North. Each packet contains seed enough for 8 to 12 hills. Four or five pounds will plant an acre. Do not plant too early and plant in sandy soil if you have it. Hotkaps will produce earlier melons and protect your plants from insects. See page 6. It pays well to use fertilizer for melons.

CULTURE: Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use a Rotenone dust to kill insects. For larger amounts of seed see Market Gardeners' List opposite page 1.



Icebox.

273. ICEBOX. (75 days.) The Icebox or Sugar Lump Melon is an extremely early, red fleshed, melon developed for apartment size iceboxes. Perfectly round, about the size of a bowling ball or slightly larger than a good size Honey Dew. They are produced in unbelievable numbers. Small brown seeds. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.50, postpaid.

258. GOLDEN HONEY CREAM. (89 days.) A new, golden-flesh, medium-sized, early watermelon. See page 1 for illustration and complete description. Pkt., 25c; oz., 70c; ¼ lb., \$2.00; lb., \$5.90, postpaid.

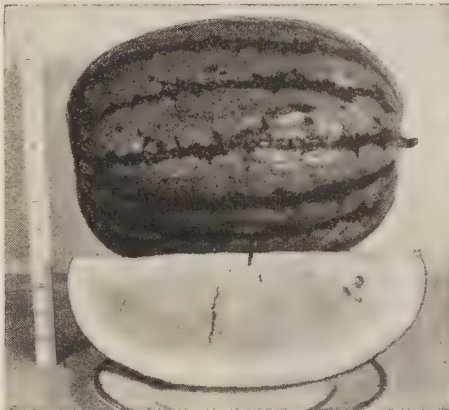


Early Arizona

256. EARLY ARIZONA. (73 days.) The attractive melon is almost round, shiny black-green rind, with smooth symmetrical surface. Flesh is sparkling red of fine texture and delicious flavor. Seeds mottled brown. Average melon will weigh 12 to 14 pounds and measure 10x9½ inches. Rind medium tough. Pkt., 15c; oz., 35c; ¼ lb., 95c; lb., \$2.90, postpaid.

272. GOLDEN HONEY. (90 days.) The flesh is a beautiful amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and handsome appearance. The skin is green with irregular stripes of darker green. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.15, postpaid.

269. WILT RESISTANT KLONDIKE NO. 7. (90 days.) The desirable characteristics and quality of the old Klondike have been retained in this strain with the added feature of being wilt-resistant. The seeds are mostly black intermingled with lighter shades. The thin rind is dark green, shape long, very symmetrical. Flesh distinct shade of deep red. Seeds small. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



Dixie Queen.

265. WILT-RESISTANT DIXIE QUEEN. (85 days.) A medium-sized melon averaging about 32 pounds but often weighing as high as 50 pounds. Average size about 15x12½ inches. It is early and because of its tough rind is fine for shipping. The color is light green alternately striped with dark green. Desirable for the home garden because of its exceedingly fine quality. The flesh is dark pink with few small white seeds. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.20, postpaid.

262. COLE'S EARLY. (75 days.) Medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink. Seeds black. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

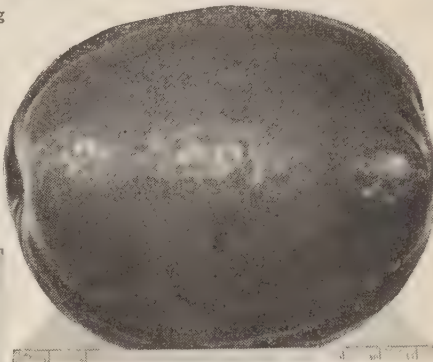
260. WILT RESISTANT STONE MOUNTAIN. (90 days.) This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. Seeds white spotted black. A prolific melon for shipping long distances. Rind of this variety makes the best pickles of any sort on our list. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.65, postpaid.

274. EARLY KANSAS. (Red Russian.) (85 days.) A large melon, many fruits weighing forty to fifty pounds. The average size is about 13 by 15 inches. It is remarkably early and of fine quality. Rind is dark green with alternate stripes of a lighter shade and is of medium thickness well suited for carrying reasonable distances. The flesh is rich red color of a delightful flavor. Seeds shiny brown. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.95, postpaid.

266. EARLY CANADA. (73 days.) For the northern states and Canada. The size is medium, about 10x9½ inches, and fruits weigh about 15 pounds. Flavor is good. The outside color is grayish-green or almost white at maturity with fine green veins. The rind is thin and flesh is bright red with small mahogany-brown seeds. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

268. WILT-RESISTANT KLECKLEY'S SWEET. (88 days.) A true Kleckley's Sweet which is wilt-resistant. Recommended for wilt-sick soil. If you have diseased soil, this is the variety to plant. It is dark green, of good length, with rich red flesh and white seeds. Average weight about 35 pounds. Size, 22x11 inches. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

270. KLECKLEY'S SWEET. (80 days.) A fine, well-known, medium early variety. It is a medium-sized dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the end. It is solid, crisp and melting, rind thin, flavor very sweet and pleasing. Seeds white. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.95, postpaid.



Black Diamond or Florida Giant.

267. BLACK DIAMOND OR FLORIDA GIANT. (90 days.) This large oval shaped melon within a short time became the most popular and widely planted shipping melon in the South. It is a remarkably fine quality melon, its average weight is 40 pounds, with specimens up to 125 pounds. Round, smooth, dark rich green in color, flesh bright red of sweet delicate flavor. Seed mottle brownish black. Pkt., 10c; oz., 25c; ¼ lb., 80c; lb., \$2.30, postpaid.

271. TOM WATSON. (90 days.) Red heart strain. A most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Flesh deep red and of high quality. Seeds brown. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$1.95, postpaid.

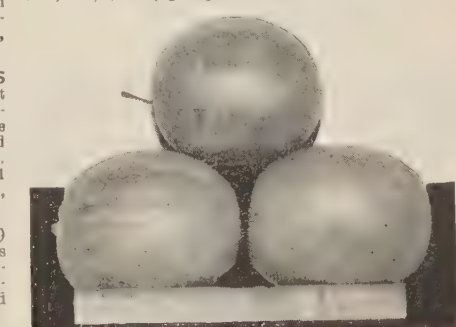
264. WILT-RESISTANT LEESBURG. (85 days.) A wilt-resistant Kleckley Sweet developed by Dr. M. N. Walker of the Florida Experiment Station. Fruits average about thirty pounds in weight, not quite as long as Kleckley's and with blockier ends. Rind is a shade lighter in color and much tougher. Flesh deep rose-pink, extremely sweet and of fine flavor. Seeds white. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.

261. CONGO. (90 days.) Anthracnose resistant Watermelon developed by the U. S. Dept. of Agriculture at Charleston, S. C. See page 3 for illustration and complete description. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75, postpaid.

277. KLONDIKE. (90 days.) (Dark Seeded Strain No 3.) We consider Klondike the best and the very sweetest of all melons. The thin rind is dark green, shape long; very symmetrical; flesh distinct shade of red. Seeds small. It is very sweet, crisp and tender, and is a heavy yielder. The heart is very large. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25 postpaid.

276. WINTER or XMAS. (85 days.) This melon is early, very prolific, almost round; color, light green. The flesh is red, sweet; almost as hard as a citron. If properly stored will keep for months. It is now becoming very popular on the market. Dip in wax to store for winter. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

263. NEW HAMPSHIRE MIDGET. (70 days.) An individual type watermelon no larger than a good size muskmelon. The fruits will measure about 7 inches in diameter, and are easily stored in an average size refrigerator. Flesh is orange red of good flavor but coarse with many black seeds. Gray, thin rind, without distinct stripes. Pkt., 10c; oz., 25c; ¼ lb., 75c; lb., \$2.25, postpaid.



New Hampshire Midget.

Wilt Resistant Klondike No. 7.

Olds' Select Onions

BERMUDA ONION

283. **CRYSTAL WHITE WAX.** (95 days.) One of the most attractive Bermuda varieties. It is large, flat, pure white, very early, mild in flavor; in fact, can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Not a good keeper. Pkt., 10c; oz., 40c; ¼ lb., \$1.15; lb., \$3.50, postpaid.

BUNCHING ONION

280. **BELTSVILLE BUNCHING.** A new strain of non-bulbing perennial type Onion used exclusively for green bunching. Usually sown in late Summer or early Fall to be harvested when marketable size the following Spring. The green bunching Onions will usually be ready for use ahead of Spring planted Onion sets. Pkt., 15c; oz., 65c; ¼ lb., \$1.95; lb., \$5.75, postpaid.

CULTURE: As early as possible, sow thinly in rows one foot apart, thinning later to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds. When the bulk of the tops have turned yellow and have fallen over, the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and four pounds an acre. See Market Gardeners' Price List opposite page 1 for prices on larger amounts than quoted. (See page 23 for maggot control.)

SPANISH ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers.



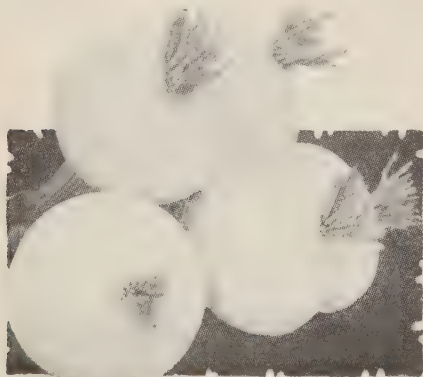
Yellow Globe Danvers.

285. **YELLOW GLOBE DANVERS.** (110 days.) A solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow-white flesh cuts hard and crisp yet it is always sweet and tender. It is a good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.



Early Yellow Globe.

286. **EARLY YELLOW GLOBE.** (98 days.) The Earliest Commercial Onion. This onion is ten days ahead of Yellow Globe Danvers and an excellent keeper. The bulbs are deep yellow in color, true globe shaped, medium large in size with clinging skins, and very mild and sweet. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.



Southport White Globe.



Downing's Bronze or Yellow Globe.

282. **DOWNING'S BRONZE OR YELLOW GLOBE.** (110 days.) A new strain of yellow globe type onion which is uniformly darker in color and considered an improvement over other yellow globes because of its excellent keeping qualities. Bulbs are globe shaped, very solid, with tight fitting skins. We recommend this strain to the onion grower who stores his crop. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75, postpaid.

281. **AUTUMN SPICE HYBRID.** (110 days.) The best keeper for winter storage of all hybrid onions. Will outyield the standard varieties. See page 3 for illustration and complete description. Pkt., 20c; 2 pkts., 35c; oz., 70c; ¼ lb., \$2.10; lb., \$6.25, postpaid.

291. **SOUTHPORT RED GLOBE.** (110 days.) A medium large, handsome, dark red, globe shaped onion with small neck, small top and of mild flavor. Excellent keeping qualities. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

290. **SOUTHPORT YELLOW GLOBE.** (115 days.) A globe shaped onion of fine orange yellow color. Somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Good keeper. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

292. **SOUTHPORT WHITE GLOBE.** (110 days.) The best medium sized white onion. A handsome onion with a pure delicate paper-white skin. Flesh crisp, fine-grained, snowy white and mild; a good keeper for a white variety. Pkt., 10c; oz., 50c; ¼ lb., \$1.45; lb., \$4.40, postpaid.



Asgrow Y42 Hybrid.

296. **ASGROW Y42 HYBRID.** (100 days.) A very early, hybrid, yellow Sweet Spanish type variety, fully 10 days earlier than the regular Sweet Spanish. The bulbs are globular with good tight necks, deep straw colored skin, mild white flesh. Produces a very heavy yield of large, uniform, and very attractive onions. Pkt., 25c; oz., \$1.10; ¼ lb., \$3.30; lb., \$9.00, postpaid.

297. **PRIZETAKER.** (105 days.) Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild, sweet flavor and a fair keeper, ripening evenly. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.

298. **SWEET SPANISH.** (Utah Strain.) (110 days.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over two pounds each and when placed on the market will outsell the other varieties at much higher prices. Pkt., 10c; oz., 50c; ¼ lb., \$1.50; lb., \$4.50, postpaid.



Sweet Spanish.

OLDS' ONION SETS

Choice, dry, small, select Onion Sets, the best to be had.

YELLOW BOTTOM SETS: LB., 35c; 2 lbs., 65c; 4 lbs., \$1.20, postpaid.

WHITE BOTTOM SETS: LB., 40c; 2 lbs., 75c; 4 lbs., \$1.40, postpaid.

OLDS' PEPPERS

CULTURE: Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants; an ounce, 1,500 plants. The number of days after each variety shows time required after setting of plants to picking. Earlier peppers can be had by using Hotkaps. See page 6.



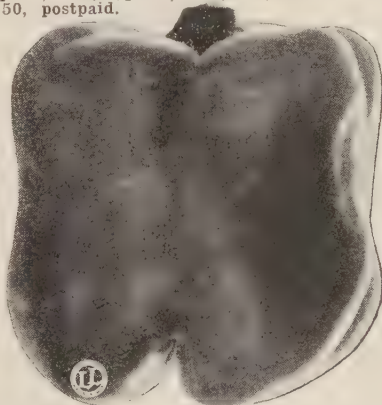
Early Calwonder.

347. EARLY CALWONDER. (65 days.) Unlike most strains of California Wonder, the bush is strong and stocky so that when well loaded with fruits, the plants resist serious damage in heavy winds. Fruits are mild and sweet averaging $3\frac{1}{2}$ inches in diameter by 4 inches long, smooth and uniform. Flesh is thick, deep green, changing to bright crimson when ripe. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.60, postpaid.

350. RUBY KING. (60 days.) Peppers grow $4\frac{1}{2}$ to 6 inches long and $3\frac{1}{2}$ to 4 inches thick. They are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.75, postpaid.

356. PIMENTO. (Perfection.) (78 days.) This variety is used not only for salads and mangoes but extensively by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Fruit is heart shaped and about 3 inches long. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.00, postpaid.

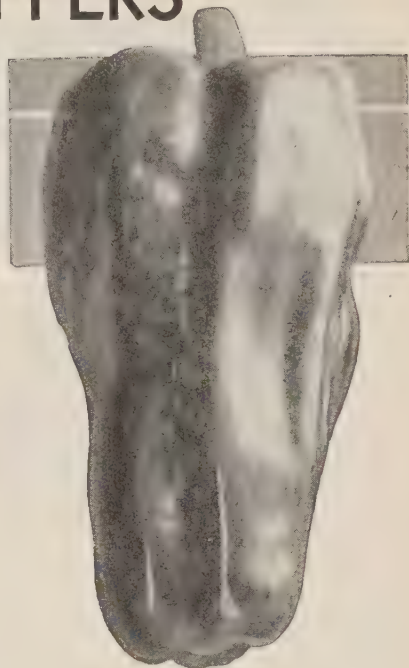
351. WISCONSIN LAKES. (68 days.) The best home garden pepper. A prolific new early pepper released by the Wisconsin Agricultural Experiment Station. See page 2 for illustration and complete description. Pkt., 20c; 2 pkts., 35c; $\frac{1}{2}$ oz., 70c; oz., \$1.20; $\frac{1}{4}$ lb., \$3.50, postpaid.



California Wonder.

357. CALIFORNIA WONDER. (75 days.) A very mild, sweet, mid-season variety. The peppers are very large, measuring $4\frac{1}{2}$ inches in length by 3 to 4 inches in diameter. The thick fruit ripens very uniformly and has a deep crimson color when ripe. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.65, postpaid.

352. SWEET YELLOW OR BANANA. (60 days.) Probably the largest, earliest and sweetest of the long yellow peppers. It is banana shaped, averaging about 8 inches in length and 2 inches in diameter. Light yellow in color, turning a bright red in maturity. Medium fleshed wall. Plants are 20 to 24 inches tall, upright, dark green, very vigorous with heavy foliage and large leaves. It is unbelievably productive. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 45c; oz., 75c; $\frac{1}{4}$ lb., \$2.25, postpaid.



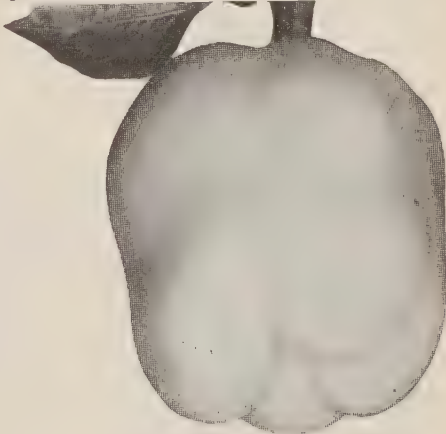
King of the North.

348. KING OF THE NORTH. (60 days.) The fruits are enormous in size and color up a brilliant red much earlier than any of the other large sorts. They will average six inches long and three to four inches across. Flesh is fine, thick, mild, and sweet. The spreading plants are literally covered with large peppers often with eight to ten maturing at a time. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.85, postpaid.

FREE MIXED SEEDS

In order to insure "fresh" vegetable seeds to fill orders, we mix together carry-over seeds which are below our high standards for germination—and give free to our customers for children's gardens. Large packet sent free for the asking with your order as long as our stock permits.

358. GOLDEN CALIFORNIA WONDER. (72 days.) This golden variety has all the grand qualities that have made the Red California Wonder so popular. The large green fruits have the same thick and solid flesh walls, they have the same fine flavor—sweet, mild, and free from all unpleasant pungency, but at maturity they turn a rich golden yellow. The flesh of the ripened fruit is just as sweet and tender as it is in the green state. Slices of the ripe fruit with their delightful golden yellow color make an attractive addition to the salad bowl. The plants are thrifty, upright growth, and heavy producers over a long season. Pkt., 15c; 2 pkts., 25c; $\frac{1}{2}$ oz., 45c; oz., 80c; $\frac{1}{4}$ lb., \$2.50, postpaid.



Golden California Wonder.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN



Frostproof Onion Plants.

ONION PLANTS

Texas-grown frostproof onion plants produce large, mild, sweet onions that are difficult to grow from seed in the North. They grow outdoors during the winter, so they are hardy and ready to be planted early, just as soon as the ground can be worked. Our plants are shipped direct from our Texas station. Orders will be accepted for delivery any time up until the 15th of May. We can supply the following varieties: CRYSTAL WAX BERMUDA, YELLOW SWEET SPANISH and WHITE SWEET SPANISH. We recommend Yellow Sweet Spanish as the best for home gardens. Please state variety wanted and time of shipment on your order. Prices: 50 plants, 41c; 1 bunch (approximately 100 plants), 63c; 2 bunches, \$1.02; 3 bunches, \$1.36; 5 bunches, \$1.84; 10 bunches, \$3.09; 20 bunches, \$5.13; 60 bunches, \$10.70, postpaid. Crate of 60 bunches Express f. o. b. Texas, \$6.05. No plant orders sent c. o. d.

We do not accept orders for onion plants from the states of Arizona, Florida, and California.

SWEET SPANISH HYBRID ONION PLANTS

Frostproof Texas grown plants. 1 bunch (100 plants), 86c; 2 bunches, \$1.60; 5 bunches, \$3.75, postpaid.

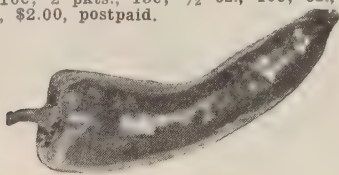
GARLIC

A garlic bulb is composed of many small cloves which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, $\frac{1}{2}$ lb., 60c; lb., 95c; 2 lbs., \$1.80, postpaid.

HOT PEPPERS

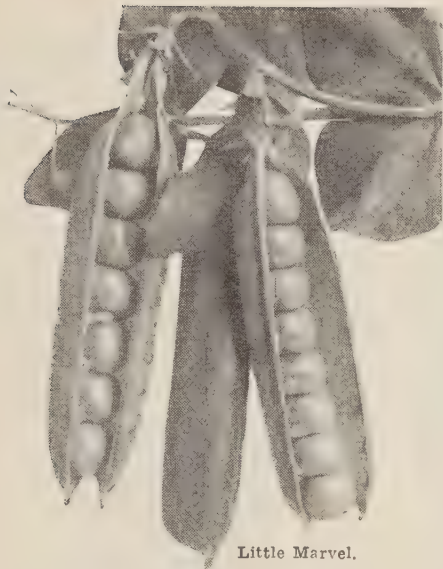
355. LONG RED CAYENNE. (70 days.) A favorite hot variety used largely for drying, canning and pickling. The fruit are about one inch in diameter and five inches in length; very slim, deep green, changing to brilliant red. Very productive. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.80, postpaid.

349. HUNGARIAN WAX. (65 days.) A splendid pungent pepper. Color waxy canary yellow turning to crimson at maturity. Peppers are 5 to 6 inches in length and rather slender. One of the best hot peppers. Very prolific. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.00, postpaid.



Hungarian Wax.

Olds' Fancy Garden Peas



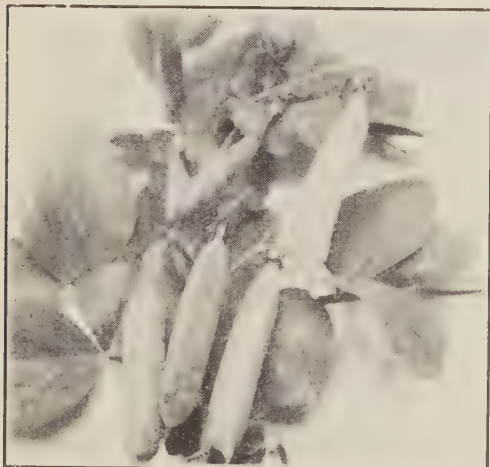
Little Marvel.

★339. **LITTLE MARVEL.*** (64 days.) A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra earlies, with the exception of Laxton's Progress. Pkt., 10c; ½ lb., 30c; lb., 55c; 2 lbs., \$1.05; 5 lbs., \$2.30, postpaid.



Thomas Laxton.

★334. **THOMAS LAXTON.*** (63 days.) In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, 3½ inches long, containing about seven large green peas. The most popular variety for freezing. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.



Little Gem.

CULTURE: Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but, of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep, one inch apart and 2½ to 3 feet apart as soon as the ground can be worked; and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. A pkt. will plant about 15 feet, a pound about 100 feet and 120 to 160 pounds should be used for an acre. Rotenone dust will control the aphids. Use Nitragin on the seed.

The varieties marked * are the wrinkled varieties.

Varities marked with ★ are excellent for freezing.



Laxton's Progress.

★336. **LAXTON'S PROGRESS.*** (62 days.) An introduction of real merit, and ideal for the home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green large peas of wonderful flavor. Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50, postpaid.



LAXTON'S SUPERB

331. **LAXTON'S SUPERB.** (Early Bird.) (60 days.) This is the earliest large podded dwarf pea. Vines 18½ inches tall, coarse and light green in color. Pods 4½ inches long, single and double, slightly curved and pointed; of a medium dark green attractive color containing 9 to 10 peas of good quality. Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.05; 5 lbs., \$2.30, postpaid.

329. **PREMIUM or LITTLE GEM.*** (64 days.) The vines grow to about 15 inches in height. Pods are 2¾ inches long and contain 6 to 7 peas of good quality. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. An old time favorite. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.



Shasta.

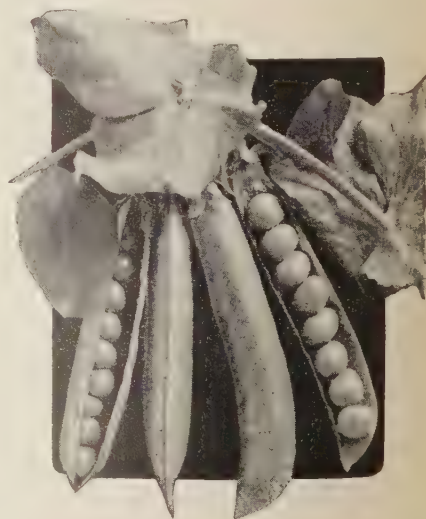
★326. **WILT RESISTANT SHASTA.*** (68 days.) Developed to meet the need for variety to follow Thomas Laxton in season. The sturdy medium green plants are resistant to fusarium wilt and grow to a height of about 28 inches. Pods are dark green, a little larger than Thomas Laxton, averaging about 3¼ inches and borne many in pairs. The deep green peas are of excellent quality and ideal for either freezing or fresh use. We are replacing Rondo with this variety as we think it is superior. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

341. **MAMMOTH MELTING SUGAR.** (74 days.) We are discarding the old Mammoth Luscious Sugar in favor of the Melting Sugar, which is resistant to fusarium wilt. Sugar peas are prepared like string beans, and you eat the pods and all. Vines are coarse, grow up about four and one-half feet, and are a light green color. The five-inch pods are single, very broad, indented, light, blunt, brittle, fleshy, stringless, and free from fiber. Seeds are large, round, creamy white. Pkt., 10c; ½ lb., 35c; lb., 60c; 2 lbs., \$1.15; 5 lbs., \$2.50, postpaid.

WILT RESISTANT PEAS FOR SUCCESSION

345C. These three medium dwarf varieties—Wilt Resistant Surprise, Wilt Resistant Freezonian and Wilt Resistant Wyoming Wonder, are excellent for a succession in the home garden. Plant all at one time and it will give you peas over quite a long period. **COLLECTION PRICES:** 1 pkt., of each of the three, 25c; ½ lb., of each, 70c; 1 lb. of each, \$1.30, postpaid.

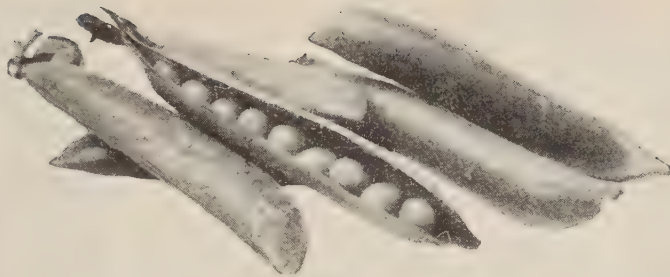
321. **WILT RESISTANT PRIDE OR DROUGHT RESISTER.*** (65 days.) An exceptionally productive hybrid variety resistant to fusarium wilt. Plants are dark green, about 30 inches in length, open at the top, sturdy, very uniform, and quite resistant to drought and insects. Pods 3½ inches mainly doubled, straight, plump, dark green, well filled with seven to nine peas. Very concentrated in season, making it exceptionally fine for canning. Pkt., 10c; ½ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.



Pride or Drought Resister.



Wyoming Wonder.



Telephone.

★322. **TELEPHONE or ALDERMAN.*** (74 days.) Vines, 4 feet high; pods, dark green, $3\frac{1}{2}$ to 4 inches long, containing from 5 to 10 peas each. A leading late variety among market gardeners. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

335. **DWARF TELEPHONE.*** (79 days.) (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Resistant to fusarium wilt. Pods $4\frac{1}{2}$ inches, medium green. A fine main crop pea well filled with 7 to 8 bright green peas of excellent quality. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

★Are excellent for freezing.

★337. **WILT RESISTANT WYOMING WONDER.** (Icer, Asgrow 40.)* (74 days.) The outstanding characteristic of this pea is the fact that it remains sweet and tender a week to ten days after it is ready to pick. It was bred expressly for market gardeners who want a large, dark green podded pea that will hold its quality after reaching the picking stage. The vine is dark green, about 24 to 28 inches tall. The pods are 4 to 5 inches, dark green in color, pointed and slightly curved at the tips. Each pod contains 8 to 10 large peas of unusually fine flavor. Used extensively for fast freezing. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 55c; 2 lbs., \$1.05; 5 lbs., \$2.30, postpaid.

330. **PERFECTION WILT RESISTANT.*** (70 days.) A popular midseason canning pea introduced by the Wisconsin College of Agriculture. Vine 20 to 30 inches, pods light green 3 inches long slightly curved, mostly in doubles, containing 6 to 8 high quality peas. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

328. **BLISS' EVERBEARING.*** (76 days.) The vines are strong and attain a height of $2\frac{1}{2}$ to 3 feet, bearing, at the top, 6 to 10 good pods about 3 inches long. If these are picked when ready, and soil and season favorable the plants throw out branches bearing pods which will mature in succession, thus prolonging the season. The peas are large and wrinkled, tender and of good flavor. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

★324. **WANDO.*** (66 days.) This variety was developed to resist heat and cold and will withstand more adverse growing conditions than most varieties. See page 1 for illustration and complete description. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 50c; 2 lbs., 95c; 5 lbs., \$2.10, postpaid.

WHITE CANADA FIELD PEA. See page 67.

320. **WILT RESISTANT SURPRISE.*** (55 days.) An extremely early wrinkle pea that is popular with the canning trade. The vines grow to a height of about 28 inches, medium green, slender and uniform in growth. The $2\frac{3}{4}$ inch pods are light green, straight, blunt ended, borne singly and mature uniformly. Pods contain from 5 to 7 light green, round, small, thin skinned peas of excellent quality. Nothing nicer for first early sweet. Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.



Wilt Resistant Surprise.



Freezonian.

★327. **WILT RESISTANT FREEZONIAN.*** (63 days.) This variety resulted from a cross with Thomas Laxton and Wilt Resistant Worlds Record. It is similar to Thomas Laxton, but somewhat more hardy, more productive, and resistant to fusarium wilt. We recommend this to home gardeners for freezing. Vines are about 30 inches in length producing dark green blunt pods about $3\frac{1}{2}$ inches long. Pkt., 10c; $\frac{1}{2}$ lb., 30c; 1 lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

325. **NOTT'S EXCELSIOR or AMERICAN WONDER.*** (62 days.) The American Wonder pea that is grown today is identical to Nott's Excelsior, and we see no reason to list them as separate varieties. A fine productive variety for the home garden. Vines are about 15 inches with $2\frac{1}{2}$ -inch pods, blunt, round, and plump of a light green color containing six to eight tender medium sized peas. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.

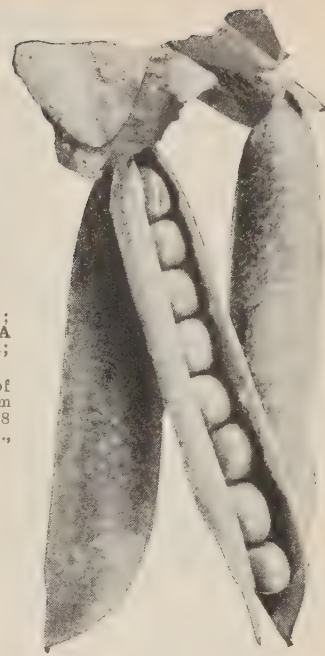
323. **WILT RESISTANT ALASKA.** (60 days.) Earliest of all. A smooth, round, blue pea. Height $2\frac{1}{2}$ feet. The most popular early pea for canning. The $2\frac{1}{2}$ -inch pods contain 6 to 8 smooth peas of good quality when picked young. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.70, postpaid.

NITRAGIN FOR GARDEN PEAS. You will get a larger crop and enrich your soil if you treat your seed with Nitragin. Garden size (enough for 8 lbs.), 15c, postpaid.



HOTKAPS
Home Garden
PACKAGE

— 21 —



Hundredfold or Giant Laxtonian.

★332. **HUNDREDFOLD or GIANT LAXTONIAN.*** (Blue Bantam.) (62 days.) A large podded, dwarf wrinkled pea. Unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green 4-inch pods with six to eight peas each of excellent quality. Pkt., 10c; $\frac{1}{2}$ lb., 30c; lb., 45c; 2 lbs., 85c; 5 lbs., \$1.90, postpaid.



Nott's Excelsior.

**Protect Your Garden Against
RAIN . . . WIND
BUGS . . . FROST**

HOTKAPS keep out weather and insects, promote sturdier growth and bring plants to maturity weeks earlier. They are made of scientifically waxed paper (Glastex) molded into shape and reinforced. Hotkaps measure 7 inches in height and 11 inches in diameter and weigh about 30 lbs. per 1,000. As plants grow and danger of frost is over, slit kap with knife and let plant grow up through the Hotkap. 25 Hotkaps with Setter, 95c; by mail, \$1.10, postpaid. See page 6 for larger quantities.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

OLDS' PUMPKINS

CULTURE: Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 6 to 8 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn. For quantity lots see Market Gardeners' Price List opposite page 1.



King of the Mammoths.

360. KING OF THE MAMMOTHS. (120 days.) This variety surpasses all others in size, about 18 by 24 inches, specimens often weighing 75 pounds; yellow flesh, thick and fine grained. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$1.95, postpaid.



Parsnips.

NATURAIN

Naturain is built out of aluminum and stainless steel with no moving parts to wear out. Primary and secondary lengths are five feet long and weigh only twelve ounces each. Each length connects with a twist of the wrist and you can use as many secondary lengths as your water pressure will permit, usually up to thirty feet. The spray can be directed in any desired manner and can be adjusted from a two-inch gentle trickle for tender seedling to a twenty-foot spread. As the Naturain puts water where you want it without overlap it means a saving on your water bill. Start with one to three lengths now and add to your water system later as your garden needs expand. Prices, primary unit with hose connection and cap, \$3.25; secondary extension unit, \$2.95 each, prepaid.



Naturain-Sprinkler.

363. SMALL SUGAR. (100 days.) The famous New England Pie Pumpkin. A rather small, round but flattened variety about 8 by 10 inches, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.75, postpaid.

362. LARGE CONNECTICUT YELLOW FIELD. (Jack O'Lantern.) (115 days.) The standard field pumpkin. A large round or slightly oval pumpkin about 10 by 14 inches. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 10c; oz., 20c; ¼ lb., 55c; lb., \$1.60 5 lbs., \$7.00, postpaid.

364. WINTER LUXURY. (100 days.) A splendid pie pumpkin, small, round, about 9 inches in diameter; skin finely netted and a beautiful dark red color. Flesh thick, orange-yellow, unexcelled quality. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.85, postpaid.

361. HALLOWEEN. (105 days.) A new Pumpkin developed for the Jack-O-Lantern trade. See page 1 for illustration and complete description. Pkt., 15c; oz., 35c; ¼ lb., \$1.05; lb., \$3.20, postpaid.

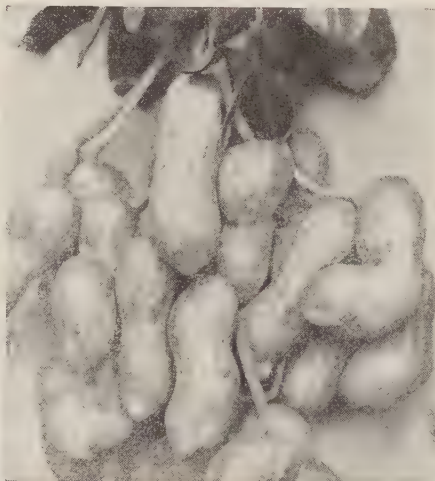
OLDS' PARSNIPS

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre. Parsnips improve in flavor if left in the ground over winter.

312. HARRIS MODEL. (120 days.) Considered the smoothest and whitest of all Parsnips. Roots are medium length, very smooth and free from small roots or prongs. The flesh is of superior flavor, fine grained and sweet. The best variety to grow for market. Pkt., 10c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.50, postpaid.

310. IMPROVED GUERNSEY. (95 days.) An improved Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 10c; oz., 15c; ¼ lb., 45c; ½ lb., 70c; lb., \$1.25, postpaid.

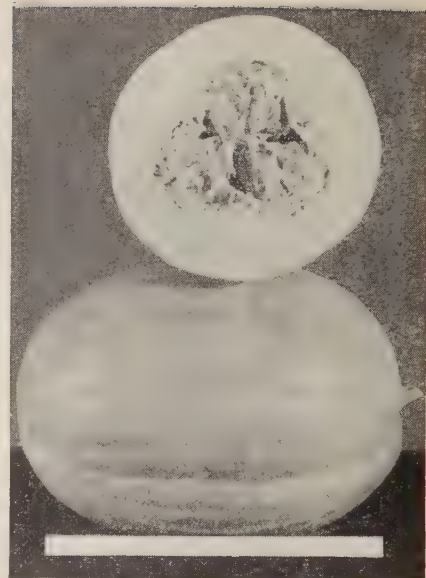
311. HOLLOW CROWN. (95 days.) The old standard parsnip, long rooted, sweet flavored and desirable. Tapering roots average 11x3 inches. Pkt., 10c; oz., 15c; ¼ lb., 45c; ½ lb., 70c; lb., \$1.25, postpaid.



Mammoth Virginia Peanuts.

OLDS' PEANUTS

315. MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.00; 5 lbs., \$4.00, postpaid.



Dickinson

365. DICKINSON. (105 days.) The finest pumpkin grown today. It will produce as high as 25 tons per acre. The pumpkin is a deep clear gold color throughout the flesh, so uniform in color that canners do not peel it, but only wash and place into the pulverizer where they are canned immediately. They pack out the deepest gold color one could imagine. It has three outstanding characteristics: It is so sweet that it requires no sugar nor starch in canning. Second, the color is ideal and requires no coloring, and third, it is an exceptionally heavy yielder. We might add that this variety seems to be resistant to insect pests. It is not suitable for Jack o'Lanterns because of the shape. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$1.75; 5 lbs., \$7.75, postpaid.

GARDENING FOR HEALTH

Sweet corn, green peas and other vegetables are at their sweetest and best only when they can be brought direct from the garden to the kitchen and cooked within an hour or so. This is true of most all vegetables. Remember, vitamins are the most abundant in the fresh green and yellow vegetables.

OLDS' PARSLEY

One packet of parsley will seed 30 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.

305. CHAMPION MOSS CURLED. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. It is also a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.

306. PARAMOUNT. (Triple Curled.) An extra select triple Curled Parsley of unusually rich dark green color. Plants grow about 12 inches high. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.

309. HAMBURG. (Turnip Rooted.) The edible root of this variety resembles in color and shape a small parsnip. The roots may be stored in the cellar for winter use. The leaves are similar to those of plain parsley. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.



Champion Moss Curled Parsley.

OLDS' CRISPY RADISHES



White Icicle.

385. WHITE ICICLE. (27 days.) Considered the finest of all for summer table use. The roots attain a length of about 5½ inches, tapering regularly from near the shoulder to the tip. It is crisp, mild, sweet, and keeps well. Tops medium short. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.15, postpaid.



Crimson Giant.

376. CRIMSON GIANT. (28 days.) An extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other varieties. It is quick growing, suitable for both forcing and outdoor growing. Roots are of a handsome deep crimson, varying in shape from round to oval. Flesh, pure white; flavor mild. We highly recommend this radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

387. COMET. (23 days.) A bright cherry red, round radish, very crisp and tender. The tops are very small. Ready for use when ¾ inch in diameter but remains firm to a large size. Tops about 4 inches. This radish can be grown from seed in from 20 to 25 days, and is all that one could ask for in a radish. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.



Comet.

Olds' Radish Seed is grown from hand-transplanted roots. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and also quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts see our Market Gardeners' List, opposite page 1.

CULTURE: Planting radish seed at improper depths is often the cause of the bulbs being various shapes. Plant about ½ inch deep. Radishes do best on a light, rich, mellow soil. Sow in drills 10 inches apart and thin to two inches in the row. Sow the early round red sorts first, the long-growing varieties a week later, and the winter varieties in July and August. One packet will sow 25 feet; 12 pounds an acre.

MAGGOT CONTROL. A simple control for maggots, which attack cabbage, onion, and radish crops is Chlordane Dust. This dust, which you will find listed in our catalog in one-pound sifter top cans, should be applied to the rows as the seedlings emerge, and again about one week later. Order your requirements with your seed.

Chlordane 6% Dust.

Price: 1 lb., 65c, postpaid.



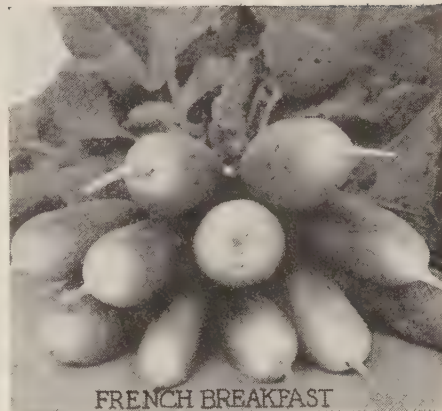
370. SPARKLER OR BRIGHTEST WHITE TIP. (25 days.) A beautiful, almost round radish with the lower half clear white. The flesh is clear white, tender, and crisp. Tops, medium, about 5 to 6 inches. Because of its attractive appearance it is popular with the home gardener. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.



EARLY SCARLET GLOBE

377. EARLY SCARLET GLOBE. (Vick's.) (24 days.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Our stock is a special strain with medium tops about 3 inches. Does well on upland or sandy soil. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

374. CAVALIER. (24 days.) An extra early, olive-shaped or oblong globe, bright scarlet radish. Tops small, very attractive, and suitable for all purposes. Excellent for muck soils. The little radish is crisp and mild and holds its quality well for market. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.



FRENCH BREAKFAST

373. FRENCH BREAKFAST. (25 days.) A quick-growing, handsome, olive-shaped radish, deep scarlet rose in color, with a clearly defined white tip at the base. It measures about ¼ of an inch through and about twice that in length with very small top and tap root. Flesh pure white and very crisp, tender and mild. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

372. CHERRY BELLE. (23 days.) A very short topped variety that is best adapted for greenhouse or hotbed forcing. Scarlet globe in shape and a bright, cherry-red color. Flesh is firm and crisp. We consider Comet and Cavalier better globe radishes for the home gardener but on muck soils it is fine for market. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.35, postpaid.

384. LONG SCARLET SHORT TOP. (30 days.) A very smooth, tapering, slender, 5 to 6 inch, deep scarlet radish with white, firm flesh. Roots grow partly above ground. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.20, postpaid.

WINTER RADISHES

Winter radishes should be planted in July and August and are good to eat as soon as they are large enough. Like spring radishes in flavor, but grow 4 to 8 inches long and 2 to 3 inches thick. For winter use, dig them and pack them in earth the same as parsnips, salsify or celery.

392. LONG BLACK SPANISH. (60 days.) The skin is black, and the flesh white and firm. Grows 8 to 9 inches long and 2 to 3 inches in diameter. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

390. NEW WHITE CHINESE. (New Celestial.) (60 days.) A large, half-long radish about 8 inches long and 3 inches thick, which will keep in fine condition a long time. White and brittle. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

393. ROUND BLACK SPANISH. (50 days.) Considered by many the best winter radish. Roots are round about 4 inches in diameter. Flesh white and crisp. A long-keeping variety. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.

391. CHINA ROSE WINTER. (52 days.) Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical measuring 7 by 2 inches. Keeps well through the fall and winter. Pkt., 10c; oz., 15c; ¼ lb., 45c; lb., \$1.25, postpaid.



China Rose Winter.

OLDS' SQUASH

CULTURE: Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Two ounces will plant a 50-foot row and three pounds an acre. Use Rotenone Dust for the striped beetles and grey squash bugs.

The critical period of the Squash Vine Borer attack is July. Keep plants protected during this period by dusting thoroughly with Rotenone Dust. Dust the last week of June and weekly during the month of July. Should the borer get into the vine, slit the stem lengthwise with a knife and remove the borer just as soon as their presence is noticed. For larger amounts of seed than quoted, see Market Gardeners' Price List, opposite page 1.



Table Queen.

409. TABLE QUEEN. (80 days.) This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Nearly equal to Hubbard in flavor and keeping qualities and just the right size to cut in half (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.

419. DELICATA (Sweet Potato). (80 to 90 days.) The fruit of this squash average 10 in. long, 3½ to 4 in. in diameter and weigh about 2½ lbs. They are cylindrical in shape with shallow ribbings. In the Fall it has an alternate stripe of cream and dark green, becoming cream and orange stripe during storage. The shell is medium hard and it is a very good keeper. The orange-yellow flesh is thin to medium, crispy, dry, tender, sweet and very fine in texture. Flavor and quality excellent. Pkt., 15c; oz., 45c; ¼ lb., \$1.25; lb., \$3.50, postpaid.

420. BUTTERNUT. (95 days.) Our favorite individual baking squash which seems to be resistant to insect and borer attacks. It is creamy white, long and bell shaped. See page 2 for complete description and illustration. Pkt., 10c; oz., 30c; ¼ lb., 85c; lb., \$2.40, postpaid.

★410. DELICIOUS GREEN. (102 days.) This variety rivals all others in dryness, sweetness and richness of flavor. The green shell is shaped like a top with extremely thick flesh of a deep orange. Excellent keeper. Average size 8½ by 7½ inches. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.



Uconn.



Butternut.

WINTER SQUASH

406. BUTTERCUP. (90 days.) Entirely distinct in type, a turban shape, with thin skin and thick orange flesh at the stem end. The seed cavity is at the bottom covered with a very thin layer of flesh. Weighs from 3 to 4 pounds, just the right size for the average family. Has less waste than any other squash. Quality the very best. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.70, postpaid.

414. BANANA PINK. (120 days.) A long type of winter squash measuring about 20 by 5½ inches and weighing about ten pounds. Cylindrical and pointed at blossom end with thin light orange rind. It is of good color and very popular because of its keeping qualities. Brown seeds. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.



True Hubbard.

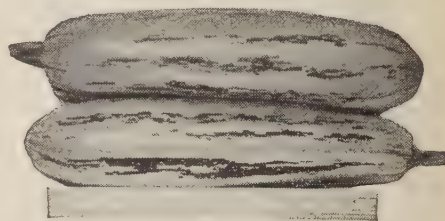
★411. TRUE HUBBARD. (105 days.) Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash about 15 by 10 inches in size, with dark green skin; thick, fine grained sweet flesh of fine flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

★413. GOLDEN HUBBARD. (100 days.) (Red Hubbards.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier, about 10 by 8 inches in size. The moderately-warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of excellent quality. Cooks dry. It also is a good keeper. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

★418. BLUE HUBBARD. (110 days.) A type of Hubbard similar to the original except that it is blue-gray in color, about 16 by 10 inches in size. Said to be superior to all other Hubbards in quality. Pkt., 10c; oz., 25c; ¼ lb., 70c; lb., \$2.10, postpaid.

412. UCONN. (80 days.) Developed by Dr. Lawrence C. Curtis, who developed the Caserta summer squash. It appears to be a Table Queen squash with a bush plant rather than a vine, which makes it very advantageous to a space-conscious home gardener. The fruit, however, is not true Table Queen shape, and the color is not an over-all dark green. Fruit is flecked with lighter green and also orange spots. Each plant sets from five to eight fruits right around the crown. We recommend this to the home gardener. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.85, postpaid.

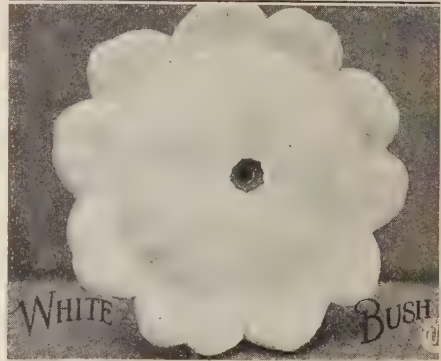
SUMMER SQUASH



Caserta.

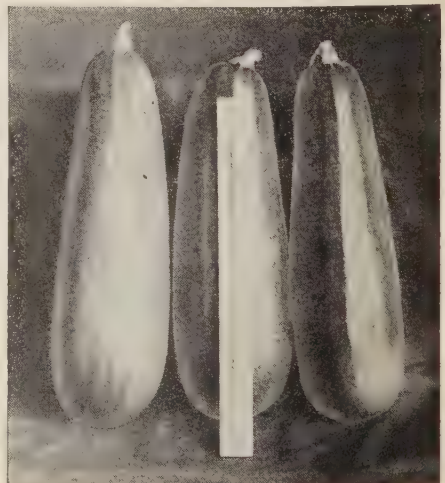
416. CASERTA. (52 days.) Developed by Dr. Lawrence C. Curtis, and awarded the All-America Gold Medal award for 1949. It is an enormous producer, and earlier than any other summer squash. Gray Zucchini type, but slightly larger with mottlings of cream or lemon color over the mature fruits. The plant is extremely low growing. Thin skinned with heavy solid fruits. It sets as many as thirty fruits to the plant. Excellent flavor. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.

407. GIANT SUMMER CROOKNECK. (56 days.) The fruit is of an attractive, golden yellow color, covered with fine warts. Grows 15 to 20 inches long by 4½ inches. Very prolific. Plant is bush type. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.90, postpaid.



405. MAMMOTH WHITE BUSH SCALLOP. (53 days.) Patty Pan. An early maturing bush type summer variety which will bear throughout the season if kept gathered. Squashes flat, white and good sized, measuring about 8½ by 3½ inches; flesh thick, juicy, and fine quality. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$1.80, postpaid.

★408. GRAY ZUCCHINI. (60 days.) A favorite Squash among the market gardeners. It belongs to the Vegetable Marrow family. The color is mottled light and dark green. The solid fruits measure about 12x4½ inches and weigh about 3½ pounds. The squash is used when young, often when real small and tender. The edible qualities are excellent. Pkt., 10c; oz., 25c; ¼ lb., 65c; lb., \$1.95, postpaid.

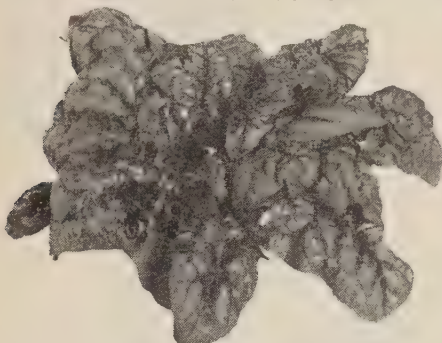


Gray Zucchini.

OLDS' SPINACH



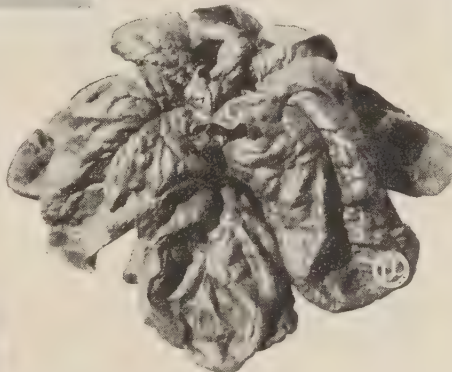
★101. **KING OF DENMARK.** (46 days.) The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 95c, postpaid.



Bloomsdale Long Standing.

★102. **BLOOMSDALE.** (42 days.) (Long Standing Strain.) This is a very early variety and one of the best to plant in the autumn or early spring. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.

CULTURE. Spinach needs cool, moist weather. The seed should be sown early in the spring in rows one foot apart and thinned to six inches in the row. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days. For city gardens we recommend the New Zealand spinach or Lucullus Swiss Chard as both of these greens can be cut over and over again all season. One pkt. will plant 20 feet; 10 to 14 lbs. an acre. For larger amounts than quoted, see our Market Gardeners' Price List, opposite page 1.



Long-Standing Gaudry.

★104. **NOBEL or LONG-STANDING GAUDRY.** (45 days.) Where a fairly smooth leaf spinach is desired we consider this variety superior to any other. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, arrow shaped, broad and thick and easily cleaned. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.

HOT WEATHER GREEN

403. **NEW ZEALAND.** (Tetragonia.) (70 days.) Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Use the leaves and stems near the tips. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.05, postpaid.

Olds' Wisconsin Grown Tobacco

Our tobacco seed is all Wisconsin grown and from certified stocks.



Wisconsin Havana No. 307.

500. **COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Pkt., 10c; oz., \$1.25; ¼ lb., \$3.75, postpaid.

504. **WISCONSIN HAVANA NO. 142.** A resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; oz., \$1.25; ¼ lb., \$3.75, postpaid.

503. **WISCONSIN CONNECTICUT HAVANA NO. 38.** Its characteristics are: vigor of growth; good breadth; weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; oz., \$1.25; ¼ lb., \$3.75, postpaid.

505. **WISCONSIN HAVANA NO. 307.** A strain of black root-rot resistant tobacco, introduced by Professor James Johnson and Howard Heggstad of the Wisconsin Agricultural Experiment Station, which is similar to No. 142. This strain has somewhat larger leaves but not quite as many to the plant and does not sucker as much toward the base of the plant. Growers who like No. 142 but object to its surplus of suckers should like this variety. Pkt., 10c; oz., \$1.25; ¼ lb., \$3.75, postpaid.

RUNNERLESS STRAWBERRY

(Strawberries from Seed)



Baron Solemacher Strawberry

✓ 424. **BARON SOLEMACHER RED.** A wonderful novelty which will attract attention wherever grown. It will flower in eight weeks, and produce quantities of fruit quite similar to the wild strawberry. It makes no runners and is suitable for pot culture. If the berries are sprinkled with sugar a few hours before using they will become very juicy and the flavor improved. Not recommended to grow commercially. Pkt., 20c; 2 pkts., 35c, postpaid.

STRAWBERRY PLANTS. See page 33.

Olds' RHUBARB



Large Victoria.

★395. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until plants have had a full season's growth. Pkt., 10c; oz., 45c; ¼ lb., \$1.40; lb., \$4.20, postpaid.

RHUBARB ROOTS.

398R. **CHIPMAN'S RED.** The all red rhubarb. See inside front cover for description and color illustration. Giant choice roots. Each, 60c; 3 for \$1.65; 6 for \$3.10; 12 for \$6.00, postpaid.

SPHAGNUM MOSS.

THE WONDER MATERIAL FOR STARTING SEEDS AND PLANTS.

If you are having difficulty in growing seedlings because of damping off, rub Sphagnum Moss in your hands or through a screen to pulverize and use this material in place of earth in the seed flat. Plants may be watered with soluble plant food and if they grow too fast, they can be held back by watering with just plain water. Also used in hanging baskets, packing roots of nursery stock for shipping and keeping worms in good condition when fishing. Prices, by mail: ½ lb. (about 6x1x8 inches), 45c; ½ bale, \$2.40, postpaid. By freight or express f. o. b. Madison: Burlap bale (about 40x13x13 inches) (about 12 lbs. but too large for parcel post), \$2.75; 5 bales at \$2.70; 10 bales at \$2.65 per bale.

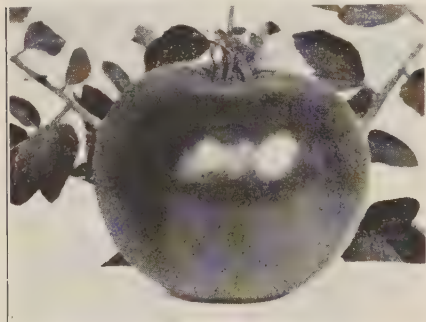
L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

OLDS' TOMATOES



Break O' Day.

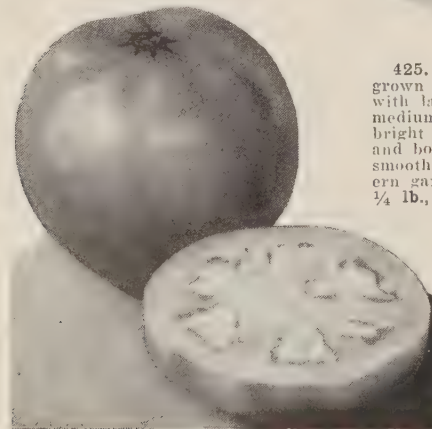
431. BREAK O'DAY. (70 days.) An extra early, wilt-resistant tomato developed by the U. S. Department of Agriculture. Break O' Day matures with Earliana. The fruit resembles the famous Marglobe; scarlet in color. The only early tomato of a deep globe shape. The fruits are large and solid with very few seeds and they will not crack. Very productive on good soils, but not enough foliage for poor soils. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$1.95, postpaid.



Rutger's.

450. RUTGER'S. Wilt and Rust Resistant. (82 days.) A second-early variety developed by the New Jersey Agricultural Experiment Station. It is a cross between Marglobe and J. T. D. and is very desirable for market as well as for canning. The plant is large with thick stems and vigorous foliage. The fruits are similar to Marglobe but flat at the stem end. Bright red, smooth, with thick walls and small seed cells, very firm and of low acidity. We consider it one of the best varieties for juice and it is one of the few varieties that ripen from the center out. Pkt., 10c; ½ oz., 35c; oz., 50c; ¼ lb., \$1.50, postpaid.

434. JUBILEE. (72 days.) Fruits are bright golden-orange, deep globe shaped, weighing about 6 ounces each. Walls are thick with few seeds which makes it most attractive when sliced. Quality is excellent and a great improvement over other yellow fruited varieties. Excellent for Yellow Tomato Juice. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.



Jubilee.

Olds' Tomato Seed is produced from tomatoes grown exclusively for seed. One packet will produce 200 plants. Two to four ounces will produce enough plants for an acre. Tomatoes do well in practically any garden soil.

The figure after the variety shows time of picking after setting plants.

CULTURE: Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over, in rows 3 to 6 feet each way. Some growers train the vines on trellises so that the fruit will ripen earlier. Use Hotkaps for this crop, see page 6. Start plants in Plant Bands. Prevents transplanting shock. See page 75.



Valiant.

451. VALIANT. (70 days.) An early tomato which is proving profitable in Wisconsin as a market variety, especially on reasonably light soil. Its outstanding feature is earliness, with quality, being about five days ahead of Stokesdale and Bonny Best. Fruit is scarlet of a large size and strong interior structure. Vine growth about equal to Earliana and not heavy enough to protect fruit from burning in continuous sunny weather. Will have ample vine growth on heavier soils. Quality of fruit is excellent. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.95, postpaid.



Earliana.

425. EARLIANA. (67 days.) Widely grown because of its extreme earliness combined with large size. The open spreading vines are medium in size but very vigorous. Fruit is a bright scarlet, flat globed in shape, thick skin, and borne in clusters. Our strain is selected for smooth fruits. An old-time favorite with northern gardeners. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.10, postpaid.

438. ENORMOUS. (88 days.) One of the largest of all red tomatoes. A midseason, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.30, postpaid.

439. URBANA. (73 days.) A new heavy yielding tomato. See page 3 for description and illustration. Pkt., 15c; ½ oz., 60c; oz., \$1.05; ¼ lb., \$3.20, postpaid.

153. WISCONSIN 55.

(75 days.) A main crop tomato introduced by the Wisconsin Experiment Station. Shows considerable resistance to blossom end rot and defoliation leaf blight. See page 3 for illustration and description. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$2.00, postpaid.

437. PONDEROSA. (88 days.) The giant tomato. The tomatoes grow in beautiful clusters and somewhat rough, oblong in shape, with solid flesh. Has a tendency to crack. Color, purplish pink. Very mild flavor. Pkt., 10c; ½ oz., 45c; oz., 85c; ¼ lb., \$2.60, postpaid.

432. TRIP-L-CROP or **GIANT TREE.** (90 days.) A late giant tomato that when staked will grow 10 to 20 feet high. Plants have potato-like leaves, fruits are immense, non-acid, solid, smooth with few seeds. Dark pink in color. They weigh as much as two pounds. The quality is excellent. Also known as Italian Potato Leaf, and Giant Tree. More perfect fruit will be had if you stake this variety, but it is not necessary. Plant 6 feet apart if you do not stake. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.75, postpaid.



Trip-L-Crop



Marglobe.

433. MARGLOBE. (80 days.) A perfect home garden tomato. Wilt-resistant and rust-resistant. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe test. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.00, postpaid.

452. BOUNTY OR VICTOR. (65 days.) Many varieties of early determinate vine or self-topping tomatoes have been introduced and Bounty, in our opinion, is the finest. In the home garden this variety will prove very popular as it is early, an exceptionally heavy yielder, and will produce the finest quality tomatoes on plants spaced as close as three feet apart. Fruit is good sized, uniformly globular and orange-scarlet in color. Will crack somewhat under extreme weather. For the home garden in the North or for first early market this variety leads the list. Pkt., 15c; ½ oz., 50c; oz., 90c; ¼ lb., \$2.70, postpaid.



Bounty.



Bonny Best.

444. BONNY BEST. (74 days.) A smooth extra fine early variety for the home garden. A few days later than Earliana. Color, bright red. Vigorous and productive. Excellent quality, tart flavored fruit free from circular cracks. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.95, postpaid.

427. CENTURY. (76 days.) A new market tomato that is extremely firm and which we recommend for long distance shipping and market. See page 1 for illustration and complete description. Pkt., 20c; ½ oz., 65c; oz., \$1.15; ¼ lb., \$3.45, postpaid.

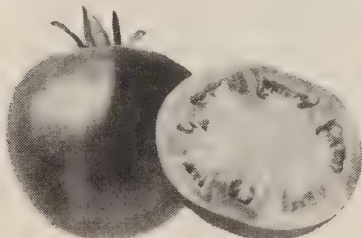
F2 OF THE HYBRID TOMATOES

The phenomenon of hybrid vigor is an established fact, but first generation or F1 tomato hybrids are extremely expensive, so plant breeders have developed F2 lines which show almost no segregation and the seed is not as costly to produce. The F2 of the hybrid that we offer has these undisputed advantages: 1. heavier production; 2. a lengthened harvest; 3. richer color and flavor; 4. more solid interior, and 5. usually less cracking with the over-all result of more and better quality fruit, often doubling the gross cash income.

443. STOKESCROSS NO. 1. (60 days.) Recommended to the grower who profits from the extra early market. It is distinguished by a fabulous production of beautiful fruit. Vine growth is restricted, but under normal summer temperatures, it affords the fruit sufficient protection. The fruit is very solid, deep, round, smooth and bright scarlet, averaging 4½ ounces in weight. Pkt., 25c; ½ oz., 95c; oz., \$1.70; ¼ lb., \$5.15, postpaid.

426. STOKESCROSS NO. 2. (65 days.) The five ounce fruits ripen along with Stokesdale and resemble it but have a far heavier production. It is enormously productive, and with proper soil and fertilization will have adequate foliage protection. The fruit has style, excellent color and high flavor. Pkt., 25c; ½ oz., 95c; oz., \$1.70; ¼ lb., \$5.15, postpaid.

430. STOKESCROSS NO. 4. (70 days.) The important feature of this tomato is its ability to produce large, brilliant, smooth tomatoes ten days earlier than Rutgers. Fruits are medium large weighing approximately six ounces. The medium foliage will set fruit in profusion when other heavier vined varieties are setting little. Under balanced conditions, because of its hybrid vigor, it develops a continuous growth of root, vine, and fruit, which is probably responsible for the fact that it has little cracking. We highly recommend this as an early main crop variety for the gardener, shipper, and processor. Pkt., 25c; ½ oz., 95c; oz., \$1.70; ¼ lb., \$5.15, postpaid.



Stokescross No. 4 Hybrid

428. PRITCHARD OR SCARLET TOPPER. (76 days.) Without doubt the best of the disease-resistant varieties. It resists the nail-head disease and also the tomato wilt. In appearance it is similar to Marglobe, scarlet in color, with deep red interior, of good size and shape, the fruits borne in clusters of 5 and produced in abundance. The vine is short jointed, self-topping, and of low growth with heavy foliage. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.



Firesteel

429. FIRESTEEL (65 days.) An excellent early market and home garden tomato developed at the N. Dakota Agricultural College. The fruit is scarlet, large, smooth, globular; interior medium red with meaty irregular divisions and thick walls. Ripens uniformly. The short vine is spreading to partly upright, self topping with fairly dense foliage, giving the fruit ample protection. Very prolific and will usually set fruit when other varieties are dropping their blossoms. It is also quite resistant to cracking. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

442. ALBINO or SNOWBALL. (78 days.) The only good quality white tomato. It contains very little acid and will make tomatoes agreeable to many who had to avoid them. Color is ivory-white and the flesh almost snow-white. Pkt., 10c, ½ oz., 45c; oz., 80c; ¼ lb., \$2.35, postpaid.



John Baer.

436. JOHN BAER. (72 days.) A variety of real merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red with excellent interior color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem. Very similar to Bonny Best. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

SMALL FRUITED TYPES

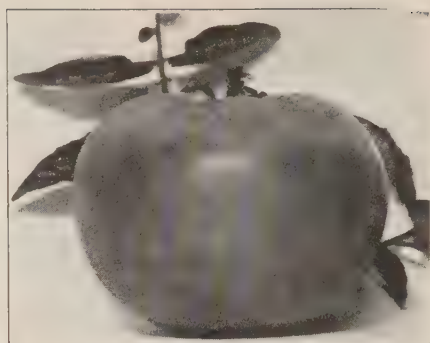
446. YELLOW PEAR. Fruit a bright handsome yellow. Shaped like miniature pears. Usually grown for preserves and "tomato figs." Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

447. YELLOW PLUM. Perhaps even more popular for preserves than Yellow Pear. Grows in clusters. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

449. RED CHERRY. Small scarlet cherry-like fruits borne in clusters. Used in salads, pickling, and eating fresh from vine. Pkt., 10c; ½ oz., 45c; oz., 80c; ¼ lb., \$2.30, postpaid.

GROUND CHERRY

455. HUSK TOMATO or GROUND CHERRY. The small yellow fruit has a flavor all of its own. Protected by the loose-fitting outer husk. Pkt., 10c; ½ oz., 45c; oz., 75c; ¼ lb., \$2.30, postpaid.



Stokesdale.

440. STOKESDALE. (73 days.) An early tomato with main crop qualities. Fruits average 8 ounces which are similar to Bonny Best, but slightly earlier and on the average will be 3 ounces heavier and much more solid. Color is a brilliant scarlet. Fruit is spherical, free from cracks, and excellent quality and flavor. Ripens from inside out. Pkt., 10c; ½ oz., 40c; oz., 65c; ¼ lb., \$1.90, postpaid.



Crackproof.

435. CRACKPROOF. (79 days.) One of the best market tomatoes. The fruits are medium large, globular in shape and a bright scarlet color. Flesh deep red. The outstanding feature, however, is that it is more resistant to cracks than any other known variety. Plants are semi-upright and spreading, and provide good foliage protection for the fruits which are uniform pale green becoming evenly bright scarlet. The skin is thin and tough and there is remarkably little waste. Pkt., 10c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.05, postpaid.

441. OXHEART. (90 days.) It has a distinct oxheart shape with fruit of a rosy pink color. Grown under favorable conditions will weigh nearly two pounds. Fruit is set in clusters of 2 to 7 and are mild in flavor. Pkt., 15c; 2 pkts., 25c; ½ oz., 55c; oz., 95c; ¼ lb., \$2.85, postpaid.



Oxheart.



Mammoth Long Red Mangel.

Sugar Beet

61. KLEIN WANZLEBEN SUGAR BEET. Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine cooked with red table beets. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 10c; oz., 20c; 1/4 lb., 40c; 1/2 lb., 75c; lb., \$1.40; 5 lbs., \$6.25, postpaid.

Olds' MANGELS

Mangels will save one-half the grain and feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; six pounds an acre.

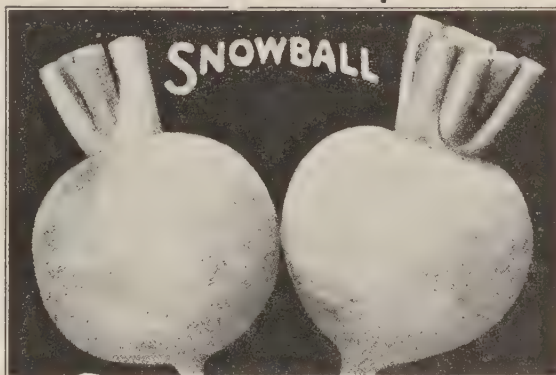
CULTURE: Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted see our Market Gardeners' Wholesale Price List opposite page 1.

55. MAMMOTH LONG RED. (110 days.) The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. They frequently grow two feet or more long, with one-half to two-thirds of their length above ground. Skin rose red on shoulder, with balance gray-white; flesh white with rings of pink. Oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 80c; 5 lbs., \$3.50, postpaid.

56. GOLDEN TANKARD. (100 days.) Medium large, dark orange roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c; 5 lbs., \$4.00, postpaid.

60. GIANT HALF SUGAR ROSE. (90 days.) Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c; 5 lbs., \$4.00, postpaid.

Olds' Turnips



466. SNOWBALL. (43 days.) Very early, of medium size, about 3 inches in diameter, round as a ball. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 80c; 5 lbs., \$3.25, postpaid.



Purple Top

Strap Leaf Turnip.

460. PURPLE TOP STRAP LEAF. (46 days.) A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, about 4 to 5 inches in diameter, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 80c; 5 lbs., \$3.25, postpaid.

467. COW HORN. (70 days.) Pure white, except a little shade of green at the top. Carrot shaped, growing nearly half out of the ground, making it easy to harvest. Roots often 10 to 12 inches long. Oz., 10c; 1/4 lb., 25c; lb., 80c; 5 lbs., \$3.25, postpaid.

465. PURPLE TOP WHITE GLOBE. (55 days.) The 4 to 5 inch roots are very attractive in appearance, almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 10c; oz., 15c; 1/4 lb., 25c; lb., 80c; 5 lbs., \$3.25, postpaid.



Purple Top White Globe Turnip.



American Purple Top Rutabaga.



59. DANISH SLUDSTRUP. (110 days.) This mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long deep yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yield. Oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 90c; 5 lbs., \$4.00, postpaid.

Olds' Rutabagas

TURNIP and RUTABAGA CULTURE: For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabagas sow about June 15. The roots should be harvested in the fall and stored in a cool cellar covered with dry soil. A packet will sow 50 feet, two pounds an acre in drills and 3 to 5 pounds an acre broadcast.

477. LONG ISLAND NECKLESS. (83 days.) A Canadian introduction from MacDonald College. The roots grow to a large uniform size and are almost globular in form, but growing a trifle longer. The flesh is fine grained, of a yellow color, mild and sweet. Top of bulb is bright purple. Has very few feeding roots to trim. Best variety for market purposes. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 85c; 5 lbs., \$3.50, postpaid.

475. AMERICAN PURPLE TOP. (85 days.) This is an improved strain of the well known standard variety.

It is very hardy, a fine keeper, and very satisfactory for both table use and stock feeding. Roots are large, 5 to 6 inches in diameter, globe shaped, with very small tap roots; color bright yellow with a purple top; tender and sweet. Flesh creamy yellow, firm, and good flavor. Pkt., 10c; oz., 15c; 1/4 lb., 30c; lb., 85c; 5 lbs., \$3.50, postpaid.

OLDS' NATIVE WILD FLOWERS



Bloodroot

BLOODROOT (*Sanguinaria Canadensis*). The white flowers appear very early in the spring. Each, 45c; 3 for \$1.20.

BANEERRY RED. Similar to the white but earlier and fruits are red. Each, 55c; 3 for \$1.50.

BANEERRY WHITE (*Actaea Alba*). 18-24 inches, white flowers and ivory colored fruit with red pedicles. Each, 55c; 3 for \$1.50.

BLUE COHOSH (*Caulophyllum Thalictrifolius*). 10-15 inches. The bunches of blue berries in midsummer are the conspicuously ornamental features. Shade and leaf mold. Each, 55c; 3 for \$1.20.

BLUEBELL, Scotch. (*Campanula Rotundifolia*). Clear blue bell shaped flowers growing well in light shade. Plants about 1 foot. Flowers from June thru August. Each, 55c; 3 for \$1.50.

CARDINAL LOBELIA (*Lobelia Cardinalis*). Brilliant cardinal flowers on stalks 2-4 feet high in August. Each 55c; 3 for \$1.50.

COLUMBINE. (*Aquilegia Canadensis*). Our native species of *Aquilegia*. Long spurred, red and yellow flowers in late May. A very showy plant that prefers partial shade. Each, 45c; 3 for \$1.20.

DUTCHMAN'S BREECHES (*Dicentra Cucullaria*). 5 inches; white, early spring. Plant tiny bulbs shallow in rich leaf mold. Shade. Each, 45c; 3 for \$1.20.

GREAT BLUE LOBELIA (*Lobelia Syphilitica*). Deep blue flowers on 12 to 24-inch spikes in August. Sun or light shade. Each, 55c; 3 for \$1.50.

JACK-IN-THE-PULPIT (*Arisaema Triphyllum*). 6-12 inches; brownish purple flowers in May followed by brilliant red berries. Prefers slightly acid leaf mold. Shade. Each, 45c; 3 for \$1.20.



Cypripedium (Lady Slipper).

ORCHIDS

CYPRIPEDIUM YELLOW. Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. Most easily grown of all the Lady Slippers. Each, 75c; 3 for \$1.95.

RATTLESNAKE PLANTAIN (*Epipactis Pubescens*). Late summer spikes of white flowers from a low rosette of white veined leaves. Requires a shady location. Each, 65c; 3 for \$1.80.

Native plants are popular both for rock gardens and perennial borders. We are listing here some of the best and most popular kinds. These are not sent with other goods, but are mailed alone, POSTPAID, at the right time for planting, or when weather permits digging in April. No orders for plants will be accepted from California and Florida.

WILD FLOWER COLLECTION

18 plants for \$5.95, postpaid.

Here is an ideal collection for the start of a wild flower garden. The assortment is composed of the following plants separately wrapped and labelled:

3 Yellow Lady Slippers 3 Shooting Stars
3 Hepatica 3 Trilliums
3 Blue Bells 3 Jack-in-the-Pulpit

All 18 plants for \$5.95, postpaid.



Hepatica

HEPATICA (*Acutiloba*). Three-parted leaves pointed at tips. Easier to grow than others because it does not require acid soil. Evergreen leaves over winter, new leaves following the flowers. One of the loveliest little woodland flowers of early spring; varying shades of light blue, pink and white. Separate colors not available. Each, 45c; 3 for \$1.20.

PASQUEFLOWER (*Anemone Patens*). With us the first flower of spring. The tulip shaped light lavender flowers appear before the last snow banks melt. Flowers appear close to the ground but the stems continue to lengthen before the flower has faded and when the silky plume of the seed head appears the stem is about 10 inches tall. Must have sandy, well drained soil, sun or very light shade. Each, 45c; 3 for \$1.20.

PARTRIDGE BERRY (*Mitchella Repens*). Trailing pink flowers followed by red fruit in fall. One of the finest of ground covers for moderately acid soil. Each, 55c; 3 for \$1.50.



Trillium

SHOWY TRILLIUM (*Trillium Grandiflorum*). Flowers white, sometimes changing to pink. May. Rich leaf mold soil and light shade. Each, 50c; 3 for \$1.35.

NODDING TRILLIUM (*Trillium Cernuum*). Flowers in late May on 18-inch stems. The graceful flowers hang their heads down, giving them the appropriate name. Each, 50c; 3 for \$1.35.

SHOOTING STAR (*Dodecatheon Meadia*). 10-12 inches; white or pink; May. Open, well drained but not poor soil. One of our most beautiful wild flowers. Each, 45c; 3 for \$1.20.

BIRD'S-FOOT VIOLET (*Viola Pedata*). One of our loveliest wild flowers, bearing a profusion of flat pansy-like flowers in varying shades of light to deep lavender and purple. Flowers in May, 4-6 inches. Give this violet a medium acid, well-drained soil and open sun and it will share its beauty freely with you. Each, 45c; 3 for \$1.20.

WOODS PHLOX (*Phlox Divaricata*). Makes a lovely carpet of blue in spring. Light shade, fertile soil and fair amount of moisture. Each, 45c; 3 for \$1.20.

NATIVE OUTDOOR FERNS

Native Ferns require a plentiful supply of leaf mold, peat or other loose humus in the soil to give best results. They have a tendency to ripen off early in the summer, if it is dry and hot. Frequent and plentiful watering will extend their season. Do not plant ferns with much covering over the crowns, just enough to anchor them to the soil.

LADY FERN (*Athyrium Felix-foemina*). Easily grown, and one of the most graceful ferns. 1-3 feet. Each, 55c; 3 for \$1.50.

MAIDENHAIR FERN (*Adiantum Pedatum*). One of the most beautiful and attractive of our native ferns. 1-2 feet. Each, 55c; 3 for \$1.50.

EVERGREEN WOODFERN (*Dryopteris Marginalis*). One of the best ferns for home gardens because of its evergreen nature and ease of culture. Good for holding soil on slopes. 1-2 feet. Each, 55c; 3 for \$1.50.

INTERRUPTED FERN (*Osmunda Clay-toniana*). A large, strong-growing light green fern of somewhat coarser growth than the other varieties. Not so partial to moisture as its relatives. 2-4 feet. Each, 55c; 3 for \$1.50.

OSTRICH FERN (*Pteretis Nodulosa*). A beautiful, large fern with long, graceful fronds recurving like an ostrich plume. Each, 55c; 3 for \$1.50.

HARDY FERN COLLECTION

These ferns are ideal for a beauty spot along the north side of your home or other shady places. Collection consists of one each of the above named ferns, all for \$2.50, postpaid. Two collections, \$4.75, postpaid.

HARDY CHRYSANTHEMUMS

UPRIGHT VARIETIES

The Hardy Chrysanthemum is very popular as a fall blooming plant and the varieties that we list below are hardy in the protected border. They are a welcome sight late in the fall when most other plants are through blooming.

Chrysanthemum and Phlox plants are not sent with other items. They are packed and shipped by themselves direct from our growing station at the proper time for planting.

CHARLES NYE. Beautiful bright yellow fully double flowers on plants about two feet high. Flowers are large measuring about three inches. Blooms in late September.

BETTY. A delightful shade of pink. Double flowers on plants 18 to 24 inches. Blooms in September.

HUNTSMAN. A glowing bronze flower on plants 18 to 24 inches. Blooms in September. Unusually attractive.

RED VELVET. A fine dark red variety on plants 15 to 18 inches in height. Blooms in September.

POLAR ICE. Pure white double flowers on plants 18 to 24 inches. Blooms in September.

SAWYER'S GIANT. Beautiful orchid or lavender on plants 15 to 18 inches tall. Blooms in late August and early September.

Prices: All varieties listed above, 3 plants for \$2.00; 6 plants for \$3.50, postpaid.

CUSHION CHRYSANTHEMUMS. This group of low growing 'Mums' forms a mound of blooms similar to the old Azalea. Plants grow 10 inches high and spread about 2 feet. Literally covered with flowers early in September.

We offer these in five colors: bronze, pink, white, red, and yellow. Please state colors wanted. Ready last of May. 3 for \$2.00; 6 for \$3.50 postpaid.

HARDY PHLOX

No border is complete without a planting of hardy Phlox. Bushy plants with enormous tresses of blooms.

Phlox and Chrysanthemum plants are not sent with other items, but are packed and shipped by themselves at the proper time for planting.

JULY GLOW. Bright orange scarlet with darker eye.

CAROLINE VANDENBERG. A phlox of distinctive beauty. Flowering tresses are a lilac blue with large florets.

MARY LOUISE. Large tresses of glistening snow white.

DAILY SKETCH. Brilliant salmon pink.

SPITFIRE. Large salmon-orange with crimson eye. Very striking.

LEO SCHLAEGETER. One of the brightest and flashiest of all the fiery red phlox. Good grower and free bloomer.

Prices: All varieties listed above, 3 plants for \$1.65; 6 plants for \$2.75, postpaid.

HARDY PHLOX COLLECTION

One each of the above 6 named Phlox separately packed and labeled, \$2.75, postpaid.

OLDS' HARDY ORNAMENTAL SHRUBS

Our Hardy Ornamental Shrubs are all strong, field grown transplanted stock, measuring 1½ to 2 feet high unless otherwise specified. Please do not compare the high quality northern grown shrubs we offer with southern stock that is offered by so many mail order concerns. Such stock does not have the vigor nor will it give the all around satisfaction so much desired in the present landscape. All nursery stock is packed separately and sent direct from our growing station near Madison. Order early if possible. We will fill your order at the proper time for planting. **ORDERS CANNOT BE SENT UNTIL WEATHER PERMITS DIGGING WHICH IS USUALLY ABOUT APRIL 1ST.**

PLEASE NOTE: We do not accept orders for nursery stock to go outside the borders of the U.S.A. or the following states—Florida and California.



Hopa Flowering Crab.

CRAB (Flowering) Hopa. A red flowering crab with darkish red bark and foliage. Exceptionally hardy. 4 to 5-foot trees. Each, \$2.50; 3 for \$6.75, postpaid.

CRAB (Oriental Flowering.) Similar to the American varieties such as Hopa but resistant to cedar rust. The dwarf trees are literally covered with pink blossoms in May and are a beautiful sight when in bloom. 4 to 5-foot trees. Each, \$2.50; 3 for \$6.75, postpaid.

ALMOND, FLOWERING PINK. A charming shrub of medium height. Pink double rose-like flowers completely cover the stems in May before the foliage appears. Each, \$1.50; 3 for \$4.00, postpaid.

BEAUTY BUSH. (Kolkwitzia.) A Chinese shrub worthy of a place in American gardens. The bush is 6 to 8 feet tall and droops to the ground when in bloom. The deep pink flowers with yellow-brown throats are borne in clusters on leafy stems. Each, \$1.80; 3 for \$4.85, postpaid.

BUTTERFLY BUSH. (Buddleia.) CHARMING. Large lavender pink flowers resembling Lilac blossoms appear on long graceful spikes. Blooms from July to frost. Grows 4 to 6 feet in height. Flowers are produced on soft wood, which dies to the ground after heavy freezing. Comes up from the roots each year. Each, \$1.50; 3 for \$4.00, postpaid.

COTONEASTER. (Acutifolia.) A very dense growing shrub with glossy, dark green, oval leaves. Fast becoming the favorite hedge plant where privet does not prove hardy. They prefer a sunny location and well drained soil. Attains a height in the North of 6 to 8 feet. Each, \$1.30; 3 for \$3.50, postpaid.



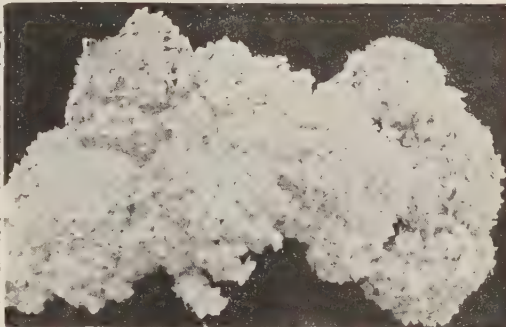
Forsythia.



Tartarian Pink Honeysuckle.

HONEYSUCKLE, TARTARIAN PINK. A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender, upright branches and small bright pink flowers followed by orange yellow berries. A good plant for tall hedges. Each, \$1.30; 3 for \$3.65, postpaid.

HONEYSUCKLE, TARTARIAN RED. (Zabelli.) This is the first and only really red Honeysuckle in existence. It grows to a tall stately bush, similar to the pink tartarian, but the blooms are a brilliant red, followed by red berries, completely covering the bush. One of the finest tall growing shrubs you can plant. Each, \$1.60; 3 for \$4.25, postpaid.



A Spray of Hydrangea, Paniculata.

HYDRANGEA P. G. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. Each, \$1.75; 3 for \$4.50, postpaid.

LILAC, PERSIAN. Has bright purple flowers and attains a height of only 5 to 6 feet. Blooms during May and June. Each, \$1.60; 3 for \$4.25, postpaid.

LILAC, COMMON. Lilacs are hardy and free flowering. Flowers in the spring and early summer. The purple is most widely known and grown. White or purple. State color wanted. Each, \$1.60; 3 for \$4.25, postpaid.

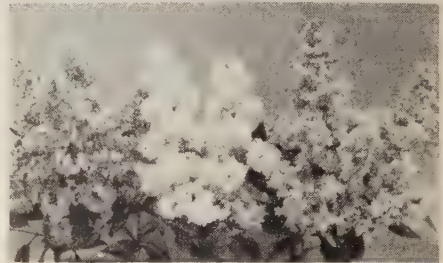
GOLDEN ELDER. A fine shrub for color contrast. The golden yellow beauty of its foliage against the background of green shrubs is most attractive. Plant in full sunshine to bring out the color. The white flowers are large and flat. Plant grows to a height of six to eight feet. Each, \$1.60; 3 for \$4.25, postpaid.

FORSYTHIA. (Golden Bell.) One of the earliest shrubs to bloom. Strong vigorous shrubs with many branches which become clothed with bright golden yellow flowers before the leaves appear. Plant in sun. Each, \$1.60; 3 for \$4.25, postpaid.

FREE PLANTING INSTRUCTION BOOKLET is attached to every shipment.

NURSERY STOCK GUARANTEE. If our nursery stock does not meet with your entire approval it may be returned to us and the amount paid will be gladly refunded, including transportation expense. We do not guarantee growth after planting as soil, improper planting, weather, insects, and other conditions beyond our control must be considered.

The L. L. Olds Seed Co. will replace on satisfactory proof, all stock that may prove untrue to the description under which it is sold, or at its option, may refund the amount paid therefor; but in no case shall they be liable for any sum greater than the amount originally received for said stock. Unless accepted on these terms goods are to be returned at once and purchase price will be refunded.



Chas. X. Md. Lemoine. Pres. Grevy. French Lilacs.

FRENCH LILACS. There are few shrubs of rarer beauty than the Hybrid French Lilacs. We offer three of the finest varieties. These lilacs bloom much younger and far more profusely than the common types. The coloring is rare and the fragrance exquisite.

CHAS. X. Huge panicles of reddish purple. **MD. LEMOINE.** Lovely double milky-white. **PRES. GREVY.** Enormous double blossoms of pale blue and pink.

Prices of all three varieties: Each, \$2.10; 3 for \$5.75, postpaid.

ORIENTAL QUINCE. Medium growing. Fine glossy dark green foliage with large double orange-scarlet blossoms early in the spring. Plant in front of tall shrubs. Each, \$1.30; 3 for \$3.65, postpaid.

PURPLE LEAVED PLUM. (Prunus Newport.) 8 to 10 feet. A small tree or shrub. The foliage and young shoots are a rich reddish-purple which they retain throughout the season. Color contrasts beautifully with other shrubs. Very hardy. Each, \$1.75; 3 for \$4.50, postpaid.

PHILADELPHUS, BOUQUET BLANC. Attains a height of 6 feet. Completely covered with pure white double blossoms in large clusters. Sweet orange blossom fragrance. Each, \$1.75; 3 for \$4.50, postpaid.

PHILADELPHUS, VIRGINAL. The largest blossoming variety and as fragrant as the above sort. Grows 6 to 8 feet tall. Flowers are waxy white as a gardenia. Each, \$1.75; 3 for \$4.50, postpaid.



Philadelphus Bouquet Blanc.



Rose Tree of China.

ROSE TREE OF CHINA. (*Prunus Triloba*.) Every planting should contain the lovely "Rose Tree of China" pictured above. A small tree-like shrub, bearing such a profusion of beautiful clear pink blossoms in early spring that the branches are completely covered. Each, \$1.75; 3 for \$4.50, postpaid.



Hansa Rugosa Rose.

ROSES. Hybrid tea roses, Rugosa roses and climbing rose are shown on the inside back cover page of this catalog.

ROSA MULTIFLORA. Conservation minded people are recommending this as a living fence for soil erosion control and wildlife refuge. Not hardy in the Northern states although it has proven satisfactory in Southern Wisconsin. The thorny, bushy plants are 6 to 8 feet tall and almost as wide if not trimmed. White flowers in June followed by red fruits relished by the birds. Plant 18 inches apart. Price: Seedlings: 25 for \$2.85; 50 for \$5.50; 100 for \$9.90, postpaid.

RUSSIAN OLIVE. For a fast growing, tall shrub, plant Russian Olive. Its blossoms are inconspicuous—its beauty is in the lovely silvery grey foliage. Often used as contrast with green foliaged shrubs. Each, \$1.30; 3 for \$3.65, postpaid.



Russian Olive.



Snowberry.

SNOWBERRY. Medium sized shrub, growing 3 to 4 feet tall, bearing a profusion of milky white berries in fall. One of the finest shrubs for shady places. Each, \$1.25; 3 for \$3.60, postpaid.



Spirea Van Houttei.

SPIREA, VAN HOUTTEI. (Hardy Bridal Wreath.) Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. Each, \$1.25; 3 for \$3.60, postpaid.

SPIREA, ANTHONY WATERER. 12 to 18-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. Each, \$1.30; 3 for \$3.65, postpaid.

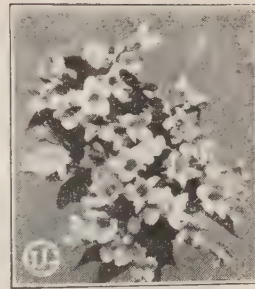
VIBURNUM LANTANA. (Wayfaring Tree.) If you want a really fine tall growing shrub for a shady place, plant this. Foliage is thick, dark green and rich looking. Large, flat white blossoms in early spring, followed by large clusters of blue-black seeds in fall. Each, \$1.60; 3 for \$4.25, postpaid.



Viburnum Americana.

VIBURNUM AMERICANA. (American High Bush Cranberry.) Large bunches of shiny scarlet berries in the Fall and Winter is the distinguishing feature of this ornamental plant. Foliage changes to a beautiful red in the Fall. The flat white flowers appear in June against bright green foliage. Attains a height of 7 to 10 feet. Each, \$1.60; 3 for \$4.25, postpaid.

TAMARIX. A fine shrub to grow in sandy and poor soils. It is a slender branch shrub with feathery green foliage, and the blossoms appear in July in delicate feathered sprays of pink. For best results they should be cut back to two or three feet each spring to encourage more rapid growth and more abundant bloom. Each, \$1.75; 3 for \$4.50, postpaid.



A Spray of Weigela.

WEIGELA, VANICEKI. One of the best, hardy, newer shrubs, producing hundreds of lovely rosy red trumpet shaped flowers in May and June with scattered blooms throughout the season. They make wonderful bouquets. Bush thrives in sun or partial shade and grows to a height of 6 ft. Every home planting should have one of these. Each, \$2.10; 3 for \$5.75, postpaid.

SNOWBALL. The Snowball is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. Each, \$1.60; 3 for \$4.25, postpaid.

HARDY VINES

ENGELMANNII IVY. It has a foliage which turns to bright crimson in the fall. Hardier than the Boston Ivy and will do well in any situation. 3-year vines. Each, \$1.25; 3 for \$3.60, postpaid.

BOSTON IVY. (Veitchi.) The well known vine for covering brick and stone work. Clings better than Engelmannii. Each, \$1.50; 3 for \$4.25, postpaid.

BITTERSWEET. (*Celastrus Scandens*.) A native climbing or twining plant, with fine, large leaves, yellow flowers and clusters of orange capsuled fruit. It grows 10 to 12 feet in a season. Each, \$1.25; 3 for \$3.60, postpaid.

CHINESE PURPLE WISTERIA. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, each, \$2.00, postpaid.

CLIMBING HONEYSUCKLE, FLAME. Flowers are trumpet shaped, flame red outside and golden yellow inside. Delightfully fragrant especially in the evenings. Blooms from June until frost. Each, \$1.85; 3 for \$4.85, postpaid.

HEDGE PLANTS

PRIVET AMOOR. (Siberian.) A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. 1 to 1½-foot stock, 5 for \$2.00; 10 for \$4.75, postpaid. By express f. o. b. nursery, 100 for \$29.50.

BARBERRY, RED LEAF. Habit the same as the well-known green Barberry, but the leaves are a beautiful, deep red. If planted in very sunny position, the color is intense. Each, \$1.35; 3 for \$3.50, postpaid.

BARBERRY THUNBERGI. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. A good plant to use as a protection for evergreens. 1 to 1½-foot stock, 80c each; 10 for \$6.50, postpaid. By express f. o. b. nursery, 100 for \$58.00.

FAST GROWING SHADE TREES

CHINESE ELM. Very popular due to the fact that it is probably the most rapid growing shade tree. Its leaves are much smaller than those of the common elm. It is a fine shaped tree, extremely hardy, and will thrive on poor soils and in dry locations. A heavy seeder so not desirable near gardens. 4 to 5-foot trees. Each, \$1.80; 3 for \$4.50, postpaid.

SEEDLINGS. 1½ to 2-foot stock: 10 for \$1.60; 50 for \$7.00, postpaid.

MOUNTAIN ASH. Valued for its large clusters of orange-red berries that attract the birds throughout the fall. Foliage colors yellow in the fall. 4 to 5-foot trees. Each, \$2.50; 3 for \$6.75, postpaid.

SILVER MAPLE. (Soft Maple.) 4 to 5-foot trees. A well-known ornamental tree with wide spreading slender branches. Each, \$1.85; 3 for \$5.00, postpaid.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

Olds' Hardy Northern Grown Fruits

PLEASE NOTE: We do not accept orders for nursery stock from outside the U.S.A. or the following states, Florida and California

NO FARM IS COMPLETE
WITHOUT AN ORCHARD

SUMMER AND FALL APPLES

↘ **ANOKA.** Popular because it bears freely on one-year-old wood beginning the second year after planting and annually thereafter. Fruit is similar to Duchess. Very hardy and blight resistant. Ripens early about the time of the Duchess or a little before.

↘ **DUCHESS.** A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

↘ **YELLOW TRANSPARENT.** An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

↘ **WEALTHY.** The one fall apple with a perfect score as regards dessert, cooking and market qualities. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid and of delicious flavor. The Wealthy is an early and annual bearer.

NEWER APPLES

↘ **FIRESIDE.** (Minnesota No. 993.) A very high quality apple which we recommend to home gardeners. See inside front cover for illustration and description.

Prices, 4 to 5-foot trees, by mail postpaid. Each, \$2.10; 3 for \$5.65.

↘ **HARALSON.** Originated at the Minnesota Fruit Breeding Farm. See inside front cover for description and color illustration. Prices by mail postpaid. Each, \$2.10; 3 for \$5.65.

↘ **PRAIRIE SPY.** This beautiful dark red apple is another one of the famous apples which originated at the Minnesota Fruit Breeding Farm. It is exceptionally valuable for late winter and early spring. The tree is hardy, vigorous and productive. Fruit is of medium size, firm, high quality and long keeping. Prices by mail postpaid. Each, \$2.10; 3 for \$5.65.

OLDS' CRAB APPLES

Prices, 4 to 5-foot trees, by mail postpaid. Each, \$1.85; 3 for \$5.25.

↘ **DOLGO CRAB.** Fruit hangs in big clusters and is fiery red. Jellies perfectly even when dead ripe. Excellent for canning. Bears young and abundantly. Extremely hardy and free from blight. A shapely tree, beautiful in flower and in fruit. It makes a very good tree for ornamental purposes.

↘ **WHITNEY.** One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.



Montmorency Cherry.

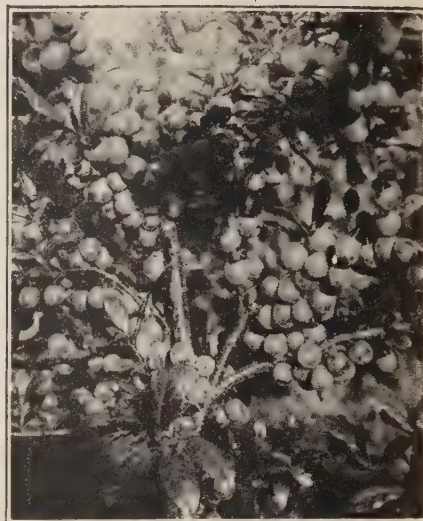
OLDS' HARDY CHERRIES

↘ **MONTMORENCY.** Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

Prices, by mail postpaid, 3 to 4-foot trees, well branched. Each, \$2.25; 3 for \$5.90.

↘ **METEOR.** A new hardy variety originating at the Minnesota Fruit Breeding Farm. May be grown much further North than Montmorency or Early Richmond. Fruit is very similar to Montmorency, good size, bright red, and very fine flavor. We highly recommend this variety to our Northern customers. Prices, by mail, postpaid: 3 to 4 foot trees, well branched. Each, \$2.75; 3 for \$7.85.

↘ **EARLY RICHMOND.** The most popular early cherry in the North because of its earliness, productivity, and regularity in bearing. The fruit is dark red, medium to large, and of a sharp and characteristic flavor. Excellent for canning and cooking. Prices, by mail, postpaid: 3 to 4-foot trees, well branched. Each, \$2.25; 3 for \$5.90.



Underwood Plum.

OLDS' HARDY PLUMS

Prices all plums: 4 to 5-foot trees, well branched, by mail postpaid. Each, \$1.90; 3 for \$5.40.

↘ **UNDERWOOD.** (Minnesota No. 91.) Earliest and hardiest of the large new plums, ripening August 1st to August 15th, and attaining a size of 1 1/4 inches in diameter. Fruit red, juicy; very small pit, free stone.

↘ **SUPERIORE.** An outstanding plum for cold climates, which originated in Minnesota. It is an apricot-plum cross. The fruit is of large size often running 2 inches in diameter. Flesh is golden, firm, meaty, and of the finest quality. Fruit ripens over a long period of time and is so firm that it can be peeled like a peach. Often bears the second year planted. It is an enormous producer, bearing annually. A good variety for pollinizing other plums. Trees are strong and long lived.

↘ **WANETA.** The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and flavor.

PRUNE PLUM

↘ **MOUNT ROYAL.** You are going to be angry with yourself later on if you fail to plant one of these in your garden. A beautiful big, blue, prune plum, which originated in Canada. The fruit is of excellent quality and free stone. The self-fertile trees are very productive, ripening their fruit the latter part of August. Prices: 4 to 5 foot trees, by mail postpaid. Each, \$2.25; 3 for \$5.90.

OLDS' HARDY PEACHES

↘ **MARQUETTE.** Originated in the northern peninsula of Michigan. A free stone variety of medium size, white flesh and of excellent quality. It is as fine a flavored peach as we have ever eaten. Prices, 4 to 5-foot trees, by mail postpaid. Each, \$2.25; 3 for \$5.90.

↘ **POLLY.** Has withstood temperatures as low as 15 to 20 degrees below zero. Not a good shipper and we recommend it for home use only. Flesh is white, juicy and firm. The fruit is large, blushed and free stoned. It retains its firm texture when canned. Prices, 4 to 5-foot trees by mail postpaid. Each, \$2.25; 3 for \$5.90.

BUSH CHERRY

↘ **HANSEN.** The fruit of this cherry much resembles a plum in size and shape and it comes massed in clusters that at times completely cover the limbs. The very hardy tree is bush shaped, rarely growing over 4 to 5 ft. tall. It is very ornamental as well as useful as the fruit is of good flavor and make delicious preserves. Will make an excellent hedge if planted about 3 ft. apart. Prices: 2-year plants, by mail postpaid. Each, \$1.60; 3 for \$4.25.



McIntosh Apples.

OLDS' APPLES

PRICES OF ALL APPLE TREES, except those priced separately: 4 to 5-foot trees, well branched, by mail postpaid, Each, \$1.85; 3 for \$5.25.

WINTER APPLES

↘ **CORTLAND.** An improved McIntosh, which originated in Canada. The fruits are larger and more uniform in size. They have much more color and the red is brighter. Flesh firm, juicy, fine flavor. Apples do not drop as readily as McIntosh and are better shippers.

↘ **DELICIOUS.** Good size, fine quality. Tree good grower and hardy. Popular eating apple.

↘ **DARK RED DELICIOUS.** Similar to the Delicious apple but has a dark red color all over, making it very attractive.

↘ **JONATHAN.** Not recommended for northern Wisconsin, but satisfactory for southern Wisconsin. Excellent flavor, fine grain, tender apple. Medium in size. Yellow apple covered with red.

↘ **NORTHWESTERN GREENING.** An old-time favorite. Hardy, greenish yellow, of extra large size; extra long keeper. Good cooker and popular for baking.

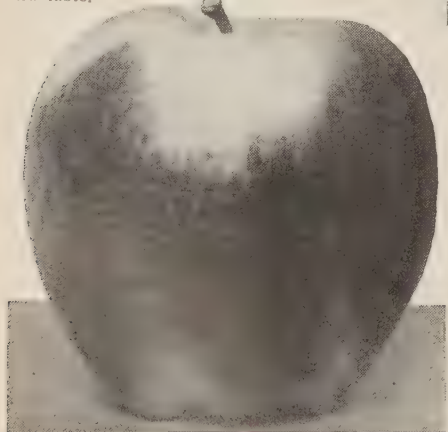
↘ **MCINTOSH.** One of the best and most satisfactory apples for Wisconsin. Medium size, spicy, bright red and of highest quality. Tree vigorous with spreading head. Annual bearer.

↘ **PERKINS.** The fruit is large, dark, deep red and round as a ball. Flesh fine grained, tender, juicy, good quality and delicious flavor, and keeps until March. Tree vigorous, a good grower, heavy annual bearer.

↘ **SNOW.** Very popular apple. Medium, deep crimson, flesh white, of best quality. Famous eating apples.

↘ **TURLEY WINESAP.** An improved Winesap that bears earlier, usually in five to six years after planting. Flesh is fine grain, tender, juicy, aromatic, and firm, keeping until April. Fruit is rich red.

↘ **YELLOW DELICIOUS.** A golden apple of the delicious type, having the same sweet flavor and taste.



Delicious Apple.

SUITABLE PLANTING DISTANCES

| Feet | Feet |
|------------------------|------------------------------|
| Apples20 to 30 | Peaches16 to 18 |
| Pears16 to 20 | Grapes 6 by 8 |
| Cherries16 to 20 | Raspberries . 4 by 6 |
| Plums16 to 18 | Strawberries 1½ by 4 or 5 |

OLDS' HARDY PEARS

Prices (4 to 5-foot trees) by mail postpaid. Well branched. Each, \$2.25; 3 for \$5.90.

✓ **BARTLETT.** Large, buttery, juicy, high-flavored, great bearer, very popular, early.

✓ **LAWRENCE.** A medium size, early Winter Pear. Greenish in color, but turning to a bright yellow after it has been ripened a short time in storage. It is as hardy as far as North Central Wisconsin. Good keeper and an annual bearer.

✓ **PARKEE.** A variety of pear developed in Minnesota for the colder section of the Northwest. See inside front cover for description.

OLDS' GRAPES

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

Strong 2-yr. No. 1 plants. Price, all varieties, but Concord, each 80c; 3 for \$1.90, postpaid. Assorted varieties if desired.

✓ **CONCORD.** The best known, most widely planted blue-black grape in the North. We consider it the most satisfactory variety for home planting. It is extremely hardy, vigorous, and productive, producing large bunches of excellent quality fruit. Prices: Strong 2-year-old No. 1 plants. Each 75c; 3 for \$1.85; 10 for \$5.50, postpaid.

✓ **NIAGARA.** Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough.

✓ **WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

✓ **DELAWARE.** An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

✓ **BETA.** The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, juicy and of fair quality.

ASPARAGUS ROOTS

★ **2R. MARY WASHINGTON.** In general, the best all around variety for home and market. We would not advise any other. Gardeners will find this a fine plant to grow as a back ground in the flower garden. Plants are sent by themselves in season when ordered early. With seeds on orders received at planting time. **ROOTS,** large 1-year-old, 25 for 95c; 50 for \$1.65; 75 for \$2.35; 100 for \$2.90, postpaid.—Not prepaid: 1,000 for \$18.00.



Cherry Currant.

OLDS' STRAWBERRY PLANTS

Our strawberry plants are freshly dug, well-packed and sent by themselves at planting time direct from our growing station. They are well-rooted, large plants. Plants cannot be sent until frost is out of the ground, usually about April 1st. See our Nursery Stock Guarantee on page 30.

EVERBEARING STRAWBERRIES

✓ **★ RED RICH.** The outstanding Everbearing of our time. The biggest, reddest and sweetest berries you ever saw and an EVERBEARER which is really everbearing. The berries are big, solid and firm clear through. Ripens evenly and possesses an abundance of natural sugar. It is a perfect variety for freezing as berries will not mush up when thawed. See inside back cover for color illustration and description. Prices: by mail, 12 plants, \$2.95; 25 plants, \$5.00; 50 plants, \$8.50; 100 plants, \$15.00; postpaid.

✓ **★ BRILLIANT**—Plant Patent No. 1183—Looking for a heavy producer? Try Brilliant. Test showed 7,000 quarts from one acre in the very first year. It produces large, glossy berries a few weeks after planting and keeps right on producing 'til Fall. Often called the Super-Bearer. Brilliant is a bright, glistening berry sure to please you with its outstanding production of big crops during months when strawberries are but a fond June memory. Brilliant rates as a good freezer. Prices: 12 for \$1.75; 25 for \$3.25; 50 for \$5.75; 100 for \$9.95; 250 for \$18.75; 500 for \$42.85; 1,000 for \$75.00.

✓ **✓ SUPERFECTION.** An improvement over Minnesota 1166. Like Minnesota 1166, a full crop of fruit can be harvested in 90 days from planting when set in the spring. Produces an abundance of large berries, beginning in August right up until frost. The berries are large, round, with a deep red color, of firm texture. Very sweet in flavor. Prices: 25 plants, \$2.10; 50 plants, \$3.30; 100 plants, \$5.60; 250 plants, \$10.80; 500 plants, \$20.00; 1,000 plants, \$37.80, postpaid.

✓ **✓ TWENTIETH CENTURY.** One of the new everbearings that rates superior in size, quality, and production. It is recommended by many state experiment stations. Berries are large, round to conic wedge shaped, medium red inside and out and of high quality. Like the Red Rich it is very productive, but sets few runners. Prices: 25 plants, \$2.65; 50 plants, \$4.40; 100 plants, \$7.75; 250 plants, \$17.90; 500 plants, \$33.30; 1,000 plants, \$63.00, postpaid.

OLDS' RED RASPBERRIES

✓ **SUNRISE.** A new early variety of raspberry which is fully ten days to two weeks ahead of Latham. The dark red berries are firm, fine texture, juicy, mild in flavor. See inside front cover for color illustration and complete description. Prices: Strong two-year-old No. 1 heavy plants, 12 for \$3.50; 25 for \$6.25; 50 for \$10.50; postpaid. By express f. o. b. nursery, 100 for \$16.90.

✓ **LATHAM.** A grand red raspberry possessing splendid market qualities. Strong and disease resistant. Fruit large, often measuring one inch in diameter, of a dark red color. Juicy and fine flavored. Will live through the winter in Wisconsin without any protection. Prices: Strong two-year-old No. 1 heavy plants, 12 for \$2.65; 25 for \$5.40; 50 for \$8.60, postpaid. By express f. o. b. nursery, 100 for \$15.90.

EVERBEARING RASPBERRY

✓ **SEPTEMBER.** By far the best everbearing raspberry. It produces an early Summer crop equal to any of the other varieties and in addition produces a second crop in September. Plants are vigorous and as hardy as most of the standard varieties. Prices: No. 1. two year heavy plants, 6 for \$2.60; 12 for \$4.75; 25 for \$8.75, postpaid.

BLACK RASPBERRY

✓ **CUMBERLAND.** A wonderfully productive variety. Berries run ¾ to 1 inch in diameter. Black in color. Requires more space than the red varieties so is not satisfactory in the small garden. Prices: 1 yr. plants, 12 for \$3.00; 25 for \$5.50; 50 for \$10.50, postpaid.

OLDS' CURRANTS For sale in Wisconsin only.

The currant is one of the most valued of all small fruits by the home gardener. It does not winterkill, is easy to cultivate, and requires little pruning. Ornamental as well as useful. Strong 2-year No. 1 plants.

✓ **CHERRY.** We consider this the best currant, large, vigorous, compact stalky bushes. Clusters rather short with medium to large, bright red fruit with very thin skin. Very juicy and of fine flavor. Each, 75c; 3 for \$2.00; 10 for \$6.50, postpaid.

✓ **RED LAKE.** (Minnesota No. 24.) A currant originating at the Minnesota Fruit Breeding Farm. It has been thoroughly tested throughout the Northwest and has proven to be of superior quality and productiveness. It is exceptionally large with long well-filled clusters. Ripens early midseason but has a long-bearing period. An excellent market berry. Each 95c; 3 for \$2.60, postpaid.



Armore.

JUNE BEARING STRAWBERRIES

✓ **ARMORE.** (Perfect Flowering.) A new June bearing variety released by the Missouri Experiment Station, which has proven to be superior to standard varieties in seven years of trials. It rates the equal of Premier in quality, but continues fruiting over a longer period. Not only does it have superior handling and shipping qualities, but has shown up as more productive on old land than any other of sixty varieties tested. The berries are sunset red in color and very uniform. Prices: 25 plants, \$1.65; 50 plants, \$2.40; 100 plants, \$4.40; 250 plants, \$8.75; 500 plants, \$15.00; 1,000 plants, \$28.00, postpaid.

✓ **✓ JUMBO.** (Perfect Flowering.) Here is a variety that is likely to become America's favorite. It is a mid-season, excellent for the home gardener and the commercial grower. Berries are deep red all the way through and unusually sweet. They are firm and solid for shipping and handling. For freezing, they rate at the top of the list. A very heavy yielder, setting many runners. Berries are long-wedge to conic in shape. Prices: 25 plants, \$2.05; 50 plants, \$3.30; 100 plants, \$5.60; 250 plants, \$10.80; 500 plants, \$20.00; 1,000 plants, \$38.00, postpaid.

✓ **★ PAYMASTER.** (Perfect Flowering.) A very beautiful berry of a sparkling, radiant red, which is more than skin deep for it goes clear through the berry. The berries are large, firm and the plants yield heavy. Rates high in freezing tests. A mid-season variety, which is resistant to red stele. Prices: 25 plants, \$1.75; 50 plants, \$2.60; 100 plants, \$4.60; 250 plants, \$9.20; 500 plants, \$15.80; 1,000 plants, \$29.75, postpaid.

✓ **PREMIER.** (Perfect Flowering.) Early, strong grower and productive. Does well in all soils and climate. Attractive berries of finest quality. Price: 25 plants, \$1.60; 50 for \$2.25; 100 for \$3.50; 250 for \$7.50; 500 for \$13.80; 1,000 plants, \$24.75, postpaid.

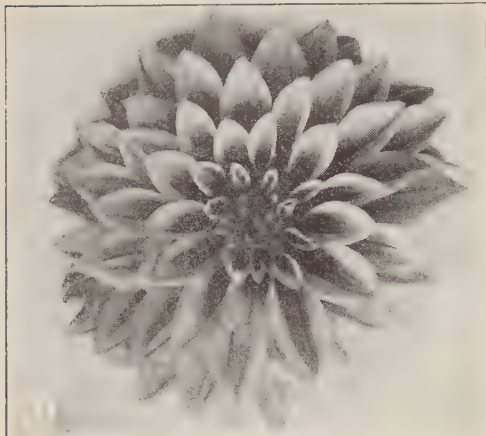
✓ **ROBINSON.** (Perfect Flowering.) A sure-cropper of the very finest appearing berries. It ripens about three or four days later than Premier. Berries are glossy red in color, big in size and firm. Plants are vigorous and produce a tremendous number of new plants on most any soil, which accounts for the heavy yield. Prices: 25 plants, \$1.60; 50 plants, \$2.25; 100 plants, \$3.50; 250 plants, \$7.50; 500 plants, \$13.80; 1,000 plants, \$24.75, postpaid.

✓ **★ VERMILION.** (Perfect Flowering.) An early variety producing fruit about the same as Premier, but the harvesting season extends about two weeks longer. The berries are smooth, very glossy, evenly dark red color and very attractive in appearance. They are well formed and stay that way throughout the season. Medium to large in size and round-conic shape. The fruit is medium in sugar content, more aromatic and higher in quality than most other varieties. Plants are very vigorous and resistant to red stele disease. Prices: 25 plants, \$1.65; 50 plants, \$2.40; 100 plants, \$4.40; 250 plants, \$8.75; 500 plants, \$15.00; 1,000 plants, \$28.00, postpaid.

✓ **★ WISCONSIN 214.** The best of the June berry varieties for freezing, developed at the Wisconsin College of Agriculture Experiment Station by Dr. R. H. Roberts. It is a productive, early mid season variety, producing big, full bodied, medium red, round conic or wedge shaped berries of highest quality. The plant sets a fair quantity of runners. Prices: 25 plants, \$1.75; 50 plants, \$2.60; 100 plants, \$4.60; 250 plants, \$9.20; 500 plants, \$15.80; 1,000 plants, \$29.75, postpaid.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

OLDS' EXQUISITE DAHLIAS



Decorative Dahlia

BEUTE. (Cactus.) The perfect pure yellow cactus. Plant is of very erect growth, and habits, and very free flowering. Each, 60c; 3 for \$1.65, postpaid.

CHEROKEE BRAVE. (Decorative.) An outstanding rich oxblood red. A reliable grower producing giant flowers that do not burn or fade. Each, 70c; 3 for \$1.95, postpaid.

CLASS. (Decorative.) Extremely large sulfur yellow, which will grow to 15 inches in diameter. Petals fall back towards stem when fully out. Stems are strong and straight and hold the flowers directly on the top. Each, 60c; 3 for \$1.65, postpaid.

COMMANDO. (Decorative.) One of the new varieties of exceptional merit. The large Lilac blue, or Phlox purple flowers are very striking. The bush is unusually vigorous and strong, and the flowers are carried on heavy erect stems. Each, 50c; 3 for \$1.35, postpaid.

FLORIST'S BEAUTY. (Decorative.) Extremely popular with florists as it will last a week after being cut. The beautiful 6 to 7 inch flowers are purple with white tips. Received a Gold Medal at a New York Florist Club, with a score of 88 points. Each, 60c; 3 for \$1.65, postpaid.

GALLANT FOX. (Decorative.) A beautiful, brilliant dark claret red, of good size and texture. Each, 40c; 3 for \$1.05, postpaid.

GOLDEN STANDARD. (Cactus.) A beautiful autumn color cactus dahlia. The 8-inch or larger flowers of a warm buff shading to amber, are borne on long, erect stems. Good grower and free flowering. Each, 60c; 3 for \$1.65, postpaid.

JANE COWL. (Decorative.) Color glistening bronze-buff and old gold. Flowers measure 10 inches across. Plants 4½ to 6 feet tall. A stem of unusual strength holds the giant flower. Each, 60c; 3 for \$1.65, postpaid.

JEAN TRIMBEE. (Semi-Cactus.) A semi-cactus of unique color. The graceful, fully twisted, and curved petals are a charming Poutunia violet in color. They are held on stiff rigid stems well above the foliage. Vigorous grower. Each, 75c; 3 for \$2.10, postpaid.

KENTUCKY SPORTSMAN. (Decorative.) A giant bicolor Dahlia, and one of the most attractive varieties on our list. Lemon yellow center, outer petals rich golden amber, tip pure white. Each, 60c; 3 for \$1.65, postpaid.

JERSEY BEAUTY. (Decorative.) A beautiful shade of rich clear pink that can hardly be described in words. The 7 to 8-inch flowers are carried high above the foliage on long, wiry stems. Plants 5 to 6 feet tall. A wonderful keeper and excellent for exhibition or commercial purposes. Each, 45c; 3 for \$1.20, postpaid.

JERSEY'S DAINTY. (Semi-Cactus.) A beautiful white slightly tinged lavender, with graceful curved and twisted petals. Flowers measure about 7 inches in diameter. Good strong bush. The exquisite flowers are excellent for cutting. Each, 60c; 3 for \$1.65, postpaid.

MARSHALL'S PINK. (Decorative.) An exquisite shrimp pink dahlia that is excellent for cutting as it has long stems measuring over 3 feet. Flowers are large, 6 to 8 inches in diameter. It is in a class with Jersey Beauty for the cut flower market. Each, 45c; 3 for \$1.20, postpaid.

MICHIGAN WHITE. (Decorative.) The very best large white. Free flowering, with fine strong stems. Flowers are purest white. Each, 60c; 3 for \$1.65, postpaid.

CULTURE: Plant roots with live eyes in hills or drills lying flat down, 6 inches deep. Care must be taken that the bulbs do not come in direct contact with fertilizer. Work fertilizer into the soil before planting and then apply about ½ inch of good garden soil over this before planting. Dahlias, for best results, should be spaced in rows at least 3 feet apart and at least 18 inches apart in the row. Keep well cultivated.

Please Note: Bulbs are not mailed until weather permits about April 15th.

After the frost has killed the tops, dig the tubers, remove the tops and turn upside down for a few hours, leaving as much dirt on the clump as possible. Store in a cool root cellar away from furnace heat. In the spring, divide the tubers, making sure that at least one live eye, which is on a portion of the crown, is on each division you plant. Bulbs without eyes are worthless.

MRS. E. J. (Cactus.) The bright rhodamine pink blooms averaging 4 to 6 inches in diameter shade to white at the center. Early flowering blooming profusely on a 4½ foot plant. Each, 60c; 3 for \$1.65, postpaid.

MURPHY'S MASTERPIECE. (Decorative.) Considered by many as the best large, red exhibition Dahlia. The giant, dark red crimson shaded blooms have been grown to measure up to 14 inches, a record winner of the largest and best Dahlia at the shows for many years. Very reliable grower. Each, 75c; 3 for \$2.10, postpaid.

ROSY DARLENE. (Decorative.) This probably is the most beautiful pastel shade dahlia for cutting offered today. The color is a striking, attractive, light rosy pink with a darker rose center. Flowers measure 6 to 8 inches in diameter, and bloom freely on good strong stems. You will certainly want this variety in your dahlia garden. Each, 45c; 3 for \$1.20, postpaid.

ROSY MORN. (Decorative.) An excellent cutting or exhibition variety. Flowers are a tyrian pink averaging 6 to 8 inches in diameter. Each, 50c; 3 for \$1.35, postpaid.

SUN RAYS. (Decorative.) Beautiful, large, orange with a peach reverse. Flowers are exhibition size 7 to 11 inches. We think this the best russet Autumn colored Dahlia. Each, 60c; 3 for \$1.65, postpaid.

THOMAS EDISON. (Decorative.) Giant royal purple flowers growing on long stiff stems. While an old variety, it is still one of the most popular in its color class. Each 60c; 3 for \$1.65, postpaid.

LOIS WALCHER. (Decorative.) This large bicolor dahlia won five achievement medals in one season. The color is a true purple with the outer petals or one-third of flower pure white. Flowers are on good, strong stems and measure about 8 inches in diameter. Each, 75c; 3 for \$2.10, postpaid.



Olds' Finest Mixed Dahlias

EXHIBITION MIXED DAHLIAS

A mixture of all choice named varieties showing every shape and color to be found in dahlias. These are grown as mixed and the varieties are not labeled. If named varieties or separate colors are wanted, order the named varieties listed above at the prices quoted for each. Prices: 3 for 75c; 6 for \$1.40; 12 for \$2.70; 50 for \$9.75, postpaid.



Cactus Dahlia

MINIATURES

Miniature Dahlias are becoming more popular each year as they bloom early and keep blooming until frost and because of their small size make excellent bouquets and home decorations.

CORALETTE. Beautiful coral pink. Each, 40c; 3 for \$1.05, postpaid.

GIZELLA. A new golden yellow with brown center, excellent for cut flowers. Each, 60c; 3 for \$1.35, postpaid.

IKE. Dark red. Each, 40c; 3 for \$1.05, postpaid.

PINK ROSE. A miniature ball flowered pink and rose. Each, 60c; 3 for \$1.35, postpaid.

WILLY DEN OUDEN. Cardinal red and orange with carmine yellow center. Very popular on the New York market. Each, 60c; 3 for \$1.35, postpaid.

WHITE FAWN. Best white florist miniature. Each, 40c; 3 for \$1.05, postpaid.

MINIATURE COLLECTION

COLL. 725. We offer one bulb each of the above 6 lovely miniature dahlias for \$2.30, postpaid.

POMPONS

Pompon Dahlias are gaining in popularity. Their profuse ever-blooming nature and their small dainty flowers make them ideal for floral decorations and cut flowers.

AMBER QUEEN. (Pompon.) Exquisite blending of amber to apricot. Very free-flowering, splendid for table decoration. Strong, vigorous grower. Each, 40c; 3 for \$1.05, postpaid.

CARDINAL. (Pompon.) Bright flaming scarlet-red. Each, 40c; 3 for \$1.05, postpaid.

JOE FETTE. (Pompon.) The best little white dahlia ever grown. Always loaded with small clear white flowers on fine graceful stems. Each, 40c; 3 for \$1.05, postpaid.

MARY MUNNS. (Pompon.) A beautiful little pure lavender, which is excellent for cutting and exhibition. Each, 40c; 3 for \$1.05, postpaid.

MORNING MIST. (Pompon.) White and rosy lavender. Each, 40c; 3 for \$1.05, postpaid.

ROSA WILMOUTH. (Pompon.) A delightful shade of light rosy pink. Free flowering with fine long stems. Each, 40c; 3 for \$1.05, postpaid.

YELLOW GEM. (Pompon.) The best clear yellow Pompon, very free flowering on long stems. Flowers measure about 1½ inches in diameter and the bush attains a height of about 3 feet. Each, 40c; 3 for \$1.05, postpaid.

PEGGY WOOD. (Pompon.) Long slender stems carry blooms of varied colors. Some are solid color while others on the same bush are 2 or 3 colors of an orange, shaded yellow, splashed bright red and white. Unusually attractive and a wonderful cut flower variety. Each, 40c; 3 for \$1.05, postpaid.

POMPON COLLECTION

COLL. 715. We offer one each of these 8 dainty Pompon Dahlias listed above for \$2.50, postpaid. This is a real bargain and should not be overlooked.

CANNAS

PLEASE NOTE—Order Canna bulbs early and pot the bulbs in April. You will gain three to four weeks in the blooming season. Orders for Canna bulbs will be mailed about April if weather permits.

CITY OF PORTLAND. 3 feet. Large flowers of purest satiny-pink. Compact green foliage. The best pink Canna. Each, 25c; 3 for 60c; 12 for \$2.10, postpaid.

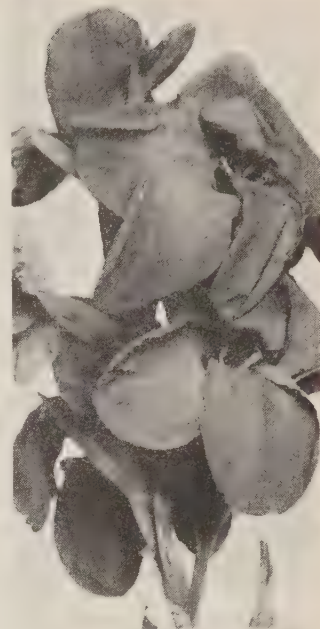
ROSEMOND COLE. 3½ feet. A beautiful green foliage variety with large crimson flowers edged with yellow. Each, 25c; 3 for 60c; 12 for \$2.10, postpaid.

THE PRESIDENT. 4 feet tall. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong, long stems. The foliage is green. Each, 25c; 3 for 60c; 12 for \$2.10, postpaid.

YELLOW KING HUMBERT. 4 feet. An orchid-flowering sort of the well-known King Humbert. Foliage a very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower. Each, 25c; 3 for 60c; 12 for \$2.10, postpaid.

One bulb each of the above 4 Cannas for 80c, postpaid.

LAWN GRASS SEED. Lawn grass seed is one of our specialties. Our stocks are the finest to be had, and will produce outstanding lawns. Order your seed now and have it available for use in the spring.



The President, Canna.

Double Camellia Tuberous Rooted Begonia. TUBEROUS ROOTED BEGONIAS

A most beautiful flower for growing in pots indoors or for shady places in the garden during the summer. They bloom throughout the summer until frost. We offer the Double Camellia Flowered in the following colors: scarlet, rose, pink, orange, yellow, and white. Bulbs ready, early March. State color wanted. 1½ to 2-inch bulbs. Each, 35c; 3 for 90c; 6 for \$1.70; 12 for \$3.25, postpaid.

HANGING BASKET BEGONIAS

This type is becoming very popular for baskets, pedestals, window boxes, and is very effective in rock gardens. Available in separate colors, scarlet, rose, pink, orange, yellow or white. Please state color wanted. 1½ to 2 inch bulbs. Each, 35c; 3 for 90c; 6 for \$1.70; 12 for \$3.25, postpaid.



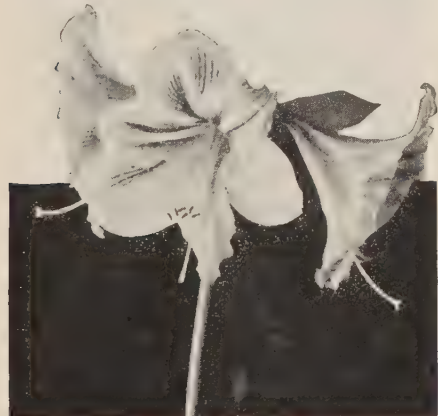
Ismene Calathina.

ISMENE CALATHINA

ISMENE CALATHINA. (Peruvian Daffodil.) Very fragrant pure white flowers borne three or four on a stem. Not hardy and should be dug and stored for winter. Large 1¾ to 2-inch bulbs, each, 60c; 3 for \$1.50; 6 for \$2.85, postpaid.

AMARYLLIS

AMARYLLIS. New Hybrid Mixed. Flowers are immense in an amazing range of color blends. Splashed and striped in a manner not seen in other strains. One of the largest of flowers which are easily forced indoors. Bulbs 2½ inches in diameter. Plant with ½ of the bulb above ground. Separate colors not available. Bulbs ready in January. Large 2½-inch bulbs, each, 55c; 3 for \$1.35; 6 for \$2.50, postpaid.



Amaryllis.



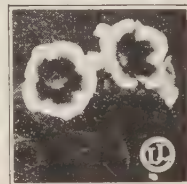
Pink Calla Lily.

GLOXINIA

A beautiful house blooming plant with handsome bell shaped flowers of the richest colors. Easily grown in pots and transplanted to a garden bed. They prefer a semi-shady location. Bulbs ready in January. Prices, mixed colors, each, 55c; 3 for \$1.50; 6 for \$2.80, postpaid.

PINK CALLA LILY

REHMANNI. A beautiful new true pink Calla that makes an unusual house plant. Flowers are large, borne on long, stiff stems, and are a delicate pink. Order and plant early indoors. Bulbs ready in January. Each, 55c; 3 for \$1.50, postpaid.



Gloxinias.



Tigridia Pavonia.

TIGRIDIA PAVONIA BULBS (Mexican Shellflower.)

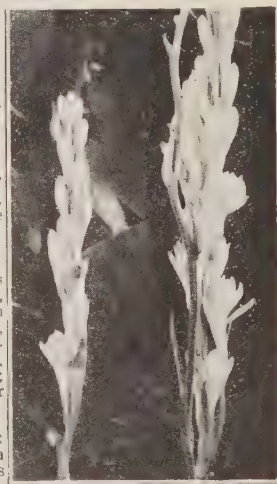
Here is a flower for your garden that will produce a riot of color in August and September. The long, slender buds unfold into a gorgeous triangular flower of many vivid shades of scarlet. The flowers are formed by three long, broad petals extending from a central cut over-laid with three short petals of contrasting colors richly spotted. Grow like gladiolus. ¾ inch Bulbs, Mixed. Each, 15c; 3 for 30c; 12 for \$1.10; 100 for \$9.00, postpaid.

TUBEROSE BULBS

The sweetest scented flower that grows and one of the most charming.

DWARF PEARL. Large, double wax-like flowers of purest white; orange blossom fragrance. Plant as early as possible, as they bloom late. Large bulbs, 4 to 5-inch in circumference, each, 20c; 3 for 45c; 6 for 75c; 12 for \$1.40, postpaid.

Please Note: Bulbs are sent in April as soon as weather permits.



Dwarf Pearl Tuberose.



Montebretias.

MONTEBRETIAS

MONTEBRETIAS MIXED. Montebretias add much to the garden with their graceful flower stems. They do best on a light loamy soil enriched with leaf mold and a little lime. Here in the north they should be dug and treated the same as Gladiolus. Our mixture contains many bright shades of yellow, salmon, orange, and scarlet. Bulbs ready in April, 3 for 45c; 12 for \$1.40; 100 for \$10.00, postpaid.

OLDS' GLORIOUS GLADIOLI



Olds' Exhibition Gladiolus Mixture.

OLDS' EXHIBITION MIXTURE

The gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. The bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties. Will make a wonderful showy display in the garden. 6 for 55c; doz., \$1.00; 25 for \$1.90; 100 for \$5.75, postpaid. By express, f. o. b. Madison: \$31.00 per 1,000.

OLDS' PEONIES

The roots we offer are large three to five-eye divisions. Too deep planting often is the reason why peonies fail to bloom. The eyes should not be more than two inches below the surface. Order early.



M. Jules Elie Peony

SARAH BERNHARDT. The true Sarah Bernhardt which we offer is a late flowering compact semi-rose type Peony. Color mauve rose, silver tipped. A fragrant strong grower. Each, \$1.65; 3 for \$4.25, postpaid.

FELIX CROUSSE. Rich, even, ruby-red. One of the few red peonies showing no trace of purple or violet. Blooms in clusters. Probably the best red. Each, \$1.65; 3 for \$4.25, postpaid.

FESTIVA MAXIMA. Big, globular masses of pure white bloom, the inner petals slightly tinged with crimson. These handsome flowers are borne on tall, sturdy, branching plants of vigorous growth. Festiva Maxima is probably the most popular of all peonies and by many considered the most nearly perfect. Each, \$1.65; 3 for \$4.25, postpaid.

M. JULES ELIE. This is considered the most beautiful of all peonies. The flowers are of immense size, globular in shape. The color is a glistening lilac-pink, shading to rose at the base. The whole flower is overlaid with a sheet of silver, sparkling like dew. One of the best for cut flowers; a good keeper. Each, \$1.65; 3 for \$4.25, postpaid.

The Gladiolus is generally recognized as the most beautiful and popular of all the flowers grown from summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes. Be sure and keep plantings dusted with Chlordane or D.D.T. to prevent thrip damage. When plants turn yellow it is then too late.

OUR BULBS ARE ALL FIRST SIZE (one and one-half inches in diameter and up), high crowned, grown from Semesan-treated bulbs and are of exceptionally fine quality.

PLEASE NOTE: Orders for bulbs will not be mailed until danger of freezing is over, usually about March 15th. Fifty bulbs at one-half the 100 price.

PINK, ROSE AND SALMON SHADES

CHAMOUNY. A distinct shade of cerise rose, silver line on the edge of all petals. Up to 10-12 blooms on a long head. A very distinctive, beautiful color. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.00, postpaid.

GENERAL EISENHOWER. See next page.

PANDORA. A soft light pink with a darker line in the throat. Opens up to 10 florets on a straight, medium tall spike. Somewhat like Picardy but a better color and far more consistent. Each, 12c; 6 for 60c; doz. for \$1.10; 100 for \$9.00, postpaid.

PICARDY SUPREME. Soft shrimp pink with flecking. Blotch of light flesh pink shading to shrimp pink at edges. Tall strong spike. One of the best. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.50, postpaid.

ROSA VAN LIMA. See next page.

SPIC AND SPAN. See next page.

MISS WISCONSIN. See next page.

YELLOW SHADES

YELLOW HERALD. Early. Amber yellow, carmine in the throat. The large, wide open flowers are beautifully faced and spaced on a strong upright stem. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.00, postpaid.

YELLOW SPOTLIGHT. A large, clear medium deep yellow with small scarlet blotch in throat. Opens up to 7 florets on a long slender stem. By far the best deep yellow. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.50, postpaid.

LAVENDER AND SMOKY SHADES

BLUE BEAUTY. A beautiful blue shade becoming a bit lighter at the edge of the petals. It is a tall, strong grower and produces long spikes that will open eight florets at once. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.50, postpaid.

ELIZABETH THE QUEEN. See next page.

KING LEAR. See next page.

VAGABOND PRINCE. A rich garnet-brown or mahogany with a glowing scarlet blotch. Eight or more florets open at a time. Opens up well when cut. Midseason. One of the richest and best of the smoky varieties. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$11.90, postpaid.

RED AND ORANGE SHADES

BURMA. See next page.

NANCY. A most beautiful, distinctive, bright vivid scarlet red variety. Opens 7 to 9 well placed blooms on a medium height plant. Early flowering. Each, 12c; 6 for 60c; doz. for \$1.10; 100 for \$9.60, postpaid.

RED CHARM. Early mid season. Medium shade of red that is very attractive. Opens 8-9 large well placed blooms on a tall, straight stem. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.60, postpaid.

RED CHERRY. A bright, scarlet red with faint rosy undertone and a cherry red throat. 6 to 7 large, round, lightly frilled florets open on a tall spike that is always straight. One of the best early commercial reds. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$9.00, postpaid.

VALERIA. Large, bright, light red of distinctive shade. Five to seven large, nicely ruffled blooms open at a time. Straight stems. Withstands heat very well. Has narrow mark of light cream in the throat. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.60, postpaid.

WHITE AND CREAM SHADES

CORONA. A giant creamy white, shading more creamy toward the throat with rose picotee edge on all petals. Very distinctive and beautiful. 8 large well open blooms on a head of 18 buds or more. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$10.50, postpaid.

FLORENCE NIGHTINGALE. A beautiful, glistening white, which is heavy petaled and ruffled. It will grow over 5 feet tall with 38 inches of flower head. 6 to 8 well placed florets measure 5½ inches and are attached to a strong spike. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$9.00, postpaid.

LEADING LADY. A cream sport of Picardy. A large, beautiful, cream white with canary yellow throat. Spike, flower and habits identical with Picardy. A winner of many prizes. Each, 16c; 6 for 50c; doz., 90c; 100 for \$8.00, postpaid.

MARGARET BEATON. See next page.

WHITE GOLD. A clear light cream shading to golden throat. Blooms are well placed on the stem with about five buds opening up in the field. Each, 10c; 6 for 50c; doz., 90c; 100 for \$8.00, postpaid.

Olds' Blue Ribbon Collection

10 Prize-Winner Gladioli Bulbs, \$1.10 postpaid.

Here is an assortment of beautiful, outstanding Blue Ribbon Winning Gladioli, the cream of our entire list. The collection contains one each of the following varieties separately wrapped and labeled.

Yellow Herald, yellow.

Vagabond Prince, mahogany-brown, red blotch.

Elizabeth, the Queen, lavender.

Pandora, light pink.

Florence Nightingale, white.

Chamouny, cerise rose.

Corona, creamy white.

General Eisenhower, begonia rose.

Red Charm, red.

Nancy, light pink.

Price: Col. 702: 1 bulb of each, \$1.10; Col.

703: 3 bulbs of each, \$3.00, postpaid.

ACIDANTHERA

(Fragrant Gladiolus)

A tender, summer blooming cormous plant somewhat intermediate in appearance between Gladiolus and Ixia. They are propagated by the spawn or cormels that form above the old corm. Grown much in the same way as Gladiolus. The fragrant flowers are creamy white (averaging 1½ to 2 inches in diameter) with very dark centers and appear somewhat like a long drooping tube. Height 1 to 1½ feet. Each (¾ inch bulbs), 15c; 3 for 40c; 6 for 75c; 12 for \$1.40, postpaid.

THRIP CONTROL

The easiest and simplest way to control thrip on your Gladioli planting is to keep the plants well dusted with 6% Chlordane Dust or 5% D.D.T. throughout the growing season. Order your dust along with the bulbs so as to be sure to have it on hand when wanted. Price, 6% Chlordane Dust: 1-lb. sifter top package, 65c, postpaid.



STURDIER PLANTS—BETTER STANDS—DISEASE CONTROL

For success with flowers and vegetables, give them a healthy start! Treat seeds, corms, bulbs and seedlings with Semesan. Applied dry or in solution with water, Semesan generally reduces seed rotting and damping-off, is highly effective against many seed-borne diseases, helps to prevent seed-borne soil contamination. One ounce treats 15 to 60 pounds of seed; 2½ ounces, one bushel of bulbs. Costs only ¼c to 2c per pound of seed. Prices: 4-oz. size, \$1.20; 12-oz. size, \$3.40, postpaid. Prices and sizes subject to change without notice.

IMPROVED CERESAN

This Du Pont product is also used for treating Gladioli bulbs before planting. Price lb. can, \$1.60, postpaid.



General Eisenhower.



Rosa Van Lima.



Margaret Beaton.

Olds' Superb Gladioli

GENERAL EISENHOWER. A brilliant begonia rose shade. Extremely large blooms on a tall spike with a large number of them open. Each, 15c; 6 for 60c; doz., \$1.10; 100 for \$9.60, postpaid.

ROSA VAN LIMA. Light rose with few lines in the throat. Tall, strong spike. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$8.40, postpaid.

MARGARET BEATON. A rich milky white with a tiny spark of vermillion in throat. Each, 10c; 6 for 50c; doz., 90c; 100 for \$7.50, postpaid.

BURMA. A deep reddish rose with wide open heavily ruffled blooms. Opens up to 8 ruffled florets of heavy substance on a straight spike. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.60, postpaid.

SPIC AND SPAN. Giant, deep pink, ruffled florets, with ten or more of its twenty-two buds opening together. Each, 15c; 6 for 80c; doz., \$1.50; 100 for \$12.00, postpaid.

ELIZABETH THE QUEEN. Clear mauve with darker lines in the throat. Large, beautifully ruffled, fine form, with 7 to 8 large blooms open. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$8.40, postpaid.

MISS WISCONSIN. A large, rich, brilliant rose pink. Opens up to 8 blooms on a medium height spike. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.00, postpaid.

KING LEAR. Early. Clear deep reddish purple with silver line at edges of petals. Each, 12c; 6 for 60c; doz., \$1.10; 100 for \$9.00, postpaid.

700. SUPERB GLADIOLI COLLECTION. ONE EACH OF THE ABOVE VARIETIES FOR 90c.

701. Three of each for \$2.45.



King Lear.



Burma.



Miss Wisconsin.



Elizabeth the Queen.



Spic and Span.

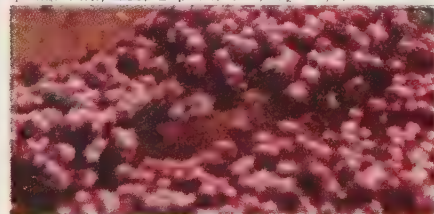
FLOWERS of EXCEPTIONAL MERIT



Dwarf Sweet Pea, Little Sweetheart

New Dwarf Sweet Pea

1202. LITTLE SWEETHEART. H. A. Here is a new Sweet Pea that is suitable for borders and bedding. This new dwarf compact type Sweet Pea grows only 10 inches high and forms an upright perfectly rounded bush. It comes into bloom early and will continue flowering over a long period. The mixture contains a wide range of colors from white and cream to salmon, rose, scarlet, crimson, lavender, blue, maroon and bi-colors. Plant seed as early as possible in the Spring. **Pkt., 45c; 2 pkts., 85c; 1/2 oz., \$2.50.**



Alyssum, Royal Carpet

Alyssum

832. ROYAL CARPET. H. A. Received the top award for 1953 in the All-America trials. A beautiful purple edging plant. Grows only a few inches high and ten inches across. Plants are absolutely flat and uniform in growth. Will flower easily in a few weeks from seed. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 80c.**

Zinnia

1340. GIANT CACTUS FLOWERING. MIXED. H. A. A true and uniform strain of distinct and desirable cactus flowering Zinnia. Flowers are not quilled but fluffy, larger than the dahlia flowered with some measuring 6 inches in diameter. Plants about 2 1/2 ft. high. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.**



Zinnia, Giant Cactus Flowering

New Early Marigold

1039 1/2. EARLY SUNSET GIANTS MIXED H. A. This is a new extra early strain of the popular Sunset Giants Marigold. Starts flowering 18 to 20 days ahead of the regular strain. Plants are more compact and less rangy and each plant will produce from 8 to 12 enormous blooms. Color range is cream, buff, lemon, golden and orange. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c; 1/2 oz., \$1.60.**

All flower seeds are quoted postpaid.

H. A. means Hardy Annual.

H. P. means Hardy Perennial.



Marigold, Early Sunset Giants



Balsam, Double Bush Torch

Balsam

859. DOUBLE BUSH TORCH. H. A. Bush Flowering Balsams differ from the tall growing Balsams in that the flowers are on the tip of the stems, making a showing of color rather than foliage. The plants are 10 to 15 inches high, compact and covered with double rose-like flowers. Torch is a penetrating vermilion red and the showiest of this type. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c; 1/2 oz., \$1.70.**



Zinnia, Peppermint Stick



Snapdragons, Tetraploid mixed

Giant Snapdragon

843. GIANT RUFFLED TETRAPOID. MIXED. H. A. Probably the largest flowering of all Snapdragons, measuring 2 to 2 1/2 inches deep and 1 3/4 to 2 1/4 inches wide, some of which are ruffled. Spikes measure about 2 1/2 feet in height surrounded by lateral spikes of lesser height. Our mixture contains practically every color and combination of colors to be had in Snapdragons. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$1.15; 1/2 oz., \$2.00; oz., \$3.75.**

Zinnia

1350. PEPPERMINT STICK. MIXED. H. A. One of the most unusual Zinnias ever offered. The pumila type flowers of medium size bloom approximately 70% striped in various color combinations such as red and white, red and yellow, purple and white, orange and yellow. An early flowering type that will bloom until frost if kept picked. Plants are robust and grow to 2 1/2 or 3 feet in height. **Pkt., 15c; 2 pkts., 25c; 1/2 oz., 90c; oz., \$1.60.**



Larkspur, Los Angeles

Larkspur

1018. LOS ANGELES, H. A. In this variety we have a rich salmon overlaid with a brilliant and pleasing rose. The foliage is a dark green making the large double flowers stand out very prominently. The flowers show up exceedingly beautiful under artificial light. Plants grow about two to two and one-half feet in height on good stiff stems. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c.**



Linaria, Northern Lights Mixed

Linaria (BABY SNAPS)

1023. NORTHERN LIGHTS, MIXED, H. A. A beautiful little annual which is easily grown from seed. Flowers resemble small Snapdragons with spurs similar to a Columbine. The plant grows about one foot high and will usually bloom from seed in eight weeks. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c.**



Scabiosa, Improved Mixed

Scabiosa

1153. IMPROVED CHOICE MIXED, H. A. The size of the blooms and the lengths of the strong wiry stems have been greatly increased in this strain. Plants grow about three feet high. The colors in our mixture are outstanding. Easy to grow and should be in every cut-flower garden. They have been improved so much over the old strain and they make such wonderful cut flowers. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c; oz., \$1.00.**



Pansy, Engelmann's Giant

Pansy

1076. ENGELMANN'S GIANTS, H. H. P. Mr. Engelmann has won outstanding awards and medals at the great spring show at Chelsea, England, for years on his strains of Pansies. This strain is a very vigorous growing, compact and early flowering type, and contains a great variety of shades both dark and light, all of the blotched type with very huge, well formed blossoms. The blend of colors is too difficult to describe in words and we refer you to the illustration. Start seed indoors in flats early in February for early spring blooms. **Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.10; 1/4 oz., \$2.00; 1/2 oz., \$3.50; 1/2 oz., \$6.00**



Zinnia, Fantasy Wildfire

Zinnia

1332. WILDFIRE, H. A. Wildfire adds a distinct note of color and cheerfulness to the garden. The plants are from 2 1/2 to 3 feet in height, are neat in habit, strong growing and very free blooming, coming into flower 45 to 50 days after seed is sown. The rich dazzling scarlet of this fantasy variety will attract attention wherever grown. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00.**

Ipomea (MORNING GLORY)

1048. HEAVENLY BLUE, Clark's Early Strain, H. A. Our favorite Morning Glory. Flowers measure 3 to 4 inches across. Clear blue with white throat. Plant on poor soil for best results. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.**

Zinnia on Front Cover

1352. BLAZE, H. A. The flaming Orange Zinnia, which the girl on our catalog cover is holding. A giant cactus flowering type. Flowers measure about 4 to 5 inches across and are a mandarin red or a combination of flaming red and orange. Plants are about 30 inches tall. Easily grown from seed. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.**

Calendula

867. PACIFIC BEAUTY MIXED, H. A. Calendulas are popular in the northern gardens for they remain blooming until the last killing frost. This strain has beautiful two-toned flowers that are uniformly larger and more brilliant than the older strains. Stems are longer and stronger. The plant is resistant to summer heat. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c; oz., 70c.**



Dahlia, Dwarf Hybrids Mixed

Dahlia

935. DWARF HYBRIDS, MIXED, H. A. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April and transplant. The dwarf small flowering type is becoming increasingly popular as a border or pot garden subject. It is also an excellent bedding plant. **Pkt., 15c; 2 pkts., 25c; 1/2 oz., 75c; oz., \$1.40.**



Calendula, Pacific Beauty



Ipomea, Heavenly Blue



Antirrhinum, Rosalie
(Rust-Resistant)

Antirrhinum

839 ROSALIE. H. A. A showy color in Snapdragons. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out conspicuously among all other colors. As the tube and lips are the same color, the depth and richness of the flower are intensified. Flowers are base branching, producing from six to eight long flowering spikes on which the florets are decidedly well arranged. This all-purpose snapdragon should be in every garden. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c.**

Digitalis

958. GIANT SHIRLEY MIXED. H. B. (Foxglove.) Handsome spikes of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. This biennial should be planted in late summer for next season or for the same season very early indoors. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c.**



Digitalis, Giant Shirley



Shasta Daisy, Alaska

Shasta Daisy

944. GIANT ALASKA. H. P. A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white, overlapping petals. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 65c; oz., \$1.00.**



Alyssum, Violet Queen

Alyssum

830. VIOLET QUEEN. H. A. Plants dwarf, compact, neat in habits, free flowering, and the small sweetly scented flowers are a very rich deep shade of violet. You will certainly want some of this beautiful edging plant in your garden. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 85c; oz., \$1.50.**



Larkspur, Supreme Strain, Mixed

Larkspur

1012 SUPREME STRAIN, MIXED. H. A. The finest base branching type of Larkspur on the market today. Grows from one to two feet taller than the old strain, and with more vigorous growth and more abundance of bloom. The flowers are double, closely set. The branching spikes are nearly as tall as the central spike, and all are perfect for cutting. Has all the colors of the older strains, but they seem to be more distinct and brilliant. We highly recommend this. **Pkt., 15c; 2 pkts., 25c; 1/2 oz., 60c; oz., \$1.00.**

Sunflower

1180. SUNGOLD. H. A. Brilliant fully double yellow flowers resembling Chrysanthemums on plants four to five feet high. Blooms in August from seeds planted in late May. They make a beautiful splash of color in the garden. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c; oz., \$1.00.**



Sunflower, Sungold



Aster, Powderpuffs

New Aster

818. POWDERPUFFS. H. A. A new strain of Asters that is tailor made for the home gardener. They are early, usually blooming in August, wilt resistant, and above all, they are very prolific. All the flowers are on top with as many as 20 long stemmed flowers in bloom at a time. The very double 3 to 3 1/2 inch flowers in colors of pink, azure, rose, crimson, white, scarlet and blue practically hide the foliage. Plants average about 24 inches in height and they may be planted as close as a foot apart. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., 85c; 1/2 oz., \$1.50; oz., \$2.80.**

850. BELLS OF IRELAND. Combine beautifully with Gladioli bouquets. See page 46. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., 80c; 1/2 oz., \$1.45; oz., \$2.50.**

Oriental Poppy

1128. RED ORIENTAL. H. P. Fine perennial plants three feet tall, of rather massive form and bearing bright scarlet flowers six inches across. Transplant seedlings in August to permanent place in the garden. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 70c; 1/2 oz., \$1.25.**



Poppy, Red Oriental



Petunia, Victoria All Double

All Double Petunia

1106. VICTORIA STRAIN, ALL DOUBLE, JAPANESE GROWN. H. A. The Japanese strain of All Double Petunia is considered superior to all other strains, and we are pleased to again be able to list it. They come practically 100 per cent double or semi-double from seed. The flowers are of many brilliant and intermediate colors. Very large, actually measuring as much as five inches across, and exquisitely ruffled and fringed. The tiny seeds are very difficult to handle, and must be nursed with the greatest of care until started. We recommend this to experienced gardeners only. **Pkt. (about 80 to 90 seeds), 45c; 2 pkts., 85c; 1, 128 oz., \$4.00; 1/64 oz., \$7.50.**



Aquilegia, Long Spurred

Aquilegia

845. MRS. SCOTT ELLIOTT'S LONG SPURRED STRAIN. H. P. (Columbine.) A popular perennial. Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c; 1/2 oz., \$1.40.**



Scabiosa, Rosette

Scabiosa

1158. ROSETTE. H. A. A beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. It is a most popular flower for the garden and also for the florist for cutting. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c.**

Chrysanthemum

914. MERRY MIXTURE. H. A. This strain of single Chrysanthemums or Painted Daisies we believe will make other strains obsolete. It includes new solid colors not found in the old types as well as the better range of zoned or tri-color flowers. Plants are two and one-half to three feet high, bushy, but upright, bearing the flowers near the top. An easily grown annual requiring little attention. Makes fine cut flowers. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 65c.**

Fantasy Zinnia

1348. MELODY. H. A. The Fantasy type of Zinnia has shaggy and informal flowers with an airy and graceful appearance not found in the other types. As a cut flower, it is ideal. This color, a striking and distinct vivid lavender, is unusual. The blossoms are medium size and plants grow about two to three feet in height. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c.**



Aster, W. R. Princess Bonnie

Aster

812. PRINCESS WILT RESISTANT BONNIE. H. A. (Wilt Resistant.) The branching plants grow from two to two and one-half feet tall and bear large quantities of three and one-half inch flowers on good, strong stems. The flowers have full deep crested centers surrounded with several rows of dainty plume-like guard petals. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.85.**



Cosmos, Radiance

Cosmos

927. RADIANCE. H. A. The first bi-color Cosmos to be developed. Striking deep rose and rich crimson. Similar in plant growth to the Sensation type, although its parents were imported from India. Blossoms are richer, more erect, and have longer stems than the other types. Will keep well when cut in the bud. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 75c.**



Zinnia Fantasy, Melody



Sweet William

Sweet William

1250. MIXED. (Dianthus Barbatus.) H. P. Perennial plants growing 18 to 24 inches high. They make excellent border plants and are also fine for bouquets. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c; oz., \$1.00.**



Chrysanthemum, Merry Mixture



Tithonia 1299. **TORCH.** H. A. A tender annual that withstands summer heat, and apparently is free from all diseases. The rich grenadine red flowers are four inches in diameter and are produced on uniform six-foot plants with luxuriant foliage. Stems are strong and excellent for cutting. It will make a brilliant display in the garden with its striking color. Blooms over a long season. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 50c.**



Portulaca, Double Mixed



Zinnia, Linearis

Portulaca, Rose Moss

1130. **DOUBLE MIXED.** H. A. Produces a carpet of brilliant double flowers, much like Roses. Will do well in sunny, dry spots. The small, fleshy plants make a beautiful ground covering planted in masses along boulevards and driveways. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c; 1/2 oz., \$1.25; oz., \$2.25.**

Zinnia

1333. **LINEARIS ORANGE.** H. A. Blooms when the plants are about six inches tall and keeps right on throughout the season until the late frosts of autumn. Flowers are single and a lovely shade of golden-orange with a delicate lemon-yellow stripe through each petal, while the center is a dark brown. Plants reach a height of eight to ten inches. Literally hundreds of flowers are open at a time. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00.**



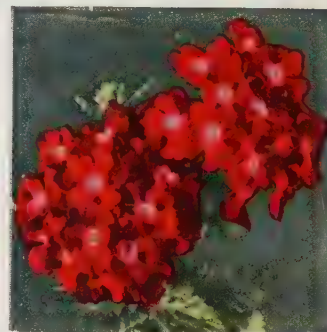
Ipomea (Morning Glory), Scarlett O'Hara

Ipomea

1049. **SCARLETT O'HARA.** H. A. Flowers average about four inches in diameter of a dark wine-red or deep rosy-crimson. Flowers are a lovely blaze of color during the morning, and until well in the afternoon, remaining open practically all day on cloudy or dull days. As is true of all Morning Glories, Scarlett O'Hara should be planted on rather poor soil. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.**

Verbena

1307. **BRIGHTNESS.** H. A. As the name implies, this variety is particularly showy and attractive. The color, a bright rose-cerise, boldly contrasts with the large white eye. Individual florets average nearly an inch in diameter, while the flowering heads measure 2 1/2 to nearly 3 inches across. The plants are semi-compact in habit with a spread of from 15 to 18 inches, making an excellent variety for border or edging use. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 95c.**



Verbena, Hybrida Grandiflora Brightness

Petunia

1100. **SUPREME CALIFORNIA GIANTS, MIXED.** H. A. The flowers are in shades of pink, rose and salmon-rose; all with light, richly veined throats and many of them striped and combining two or more rose shades in one bloom. The blooms are unbelievably large, five to seven inches in diameter, with shallow open throats surrounded by satiny petals which are so heavily ruffled that in the young flowers they are easily mistaken for doubles. Flowers are freely produced on 1 1/2 to 2-foot plants. Especially fine for pots or window boxes. Start seed with greatest of care in flats. Recommended to experienced gardeners only. **Pkt., 30c; 2 pkts., 50c; 1/16 oz., \$3.50; 1/4 oz., \$6.25.**



Petunia, Supreme California Giants



Ageratum

Ageratum, Midget Blue

827. **MIDGET BLUE.** H. A. Will come practically true to form and color from seed. The plants are very dwarf, not over two to three inches in height and smothered with small true Ageratum blue flowers. Excellent for edging. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c; 1/4 oz., \$1.60.**



Zinnia Harmony or Scabiosa Flowering Mixed

Zinnia

1338. **HARMONY OR SCABIOSA FLOWERED.** Mixed. H. A. A medium size Zinnia resembling the annual Scabiosa. Very prolific and excellent for cut flowers. The plants grow two and one-half to three feet high and bloom throughout the season. Color range in our mixture is most striking. A small percentage of this type will bloom single. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 60c; 1/2 oz., \$1.00; oz., \$1.80.**

Petunia

1085. **RADIANCE.** H. A. Radiance received a 1940 silver medal in the All-America awards. It is a rich, brilliant cerise-rose with enough underlying salmon to remove the harshness commonly found in a cerise-rose variety. The throat is a golden yellow below where the bloom starts to flare which adds much life to the Petunia. It is decidedly free flowering throughout the season. The blooms measure 2 1/2 to 3 inches in diameter. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.60; 1/2 oz., \$2.80.**



Petunia, Radiance

Giant Sweet Pea

1200. **ZVOLANEK EARLY MULTI-FLORE.** MIXED. H. A. A new class of sweet peas, earlier and larger than any other. See page 55 for illustration and description. **Pkt., 35c; 2 pkts., 60c; oz., \$1.00.**

Marigold

1032. **MISSION GIANT-GOLDSMITH.** H. A. Mission Giant is a strain of Marigold of medium height with giant Chrysanthemum blooms. They are base branching, producing from eight to twelve stems of excellent cutting length. The laterals or side branches produce just as large, if not larger blooms, than the center stems. It is very early, coming into bloom fully two weeks ahead of the ordinary Sunshine types. The ball-shaped blooms measure from four to five inches in diameter and resemble giant incurved Chrysanthemums. Goldsmith is a rich golden orange which makes a brilliant display in the garden. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 60c; 1/2 oz., \$1.00.**



Marigold, Dwarf Harmony Hybrids, Mixed

Marigold

1037. **DOUBLE HARMONY HYBRIDS, MIXED.** H. A. Compact plants are from twelve to fourteen inches in height, 100 per cent double, and flowering commences about two and one-half months after seed is sown. The flowers are of medium size, rather large for the French type, averaging one and three-fourths inches in diameter. They do not have the strong Marigold odor. The color range includes the popular Harmony, a lovely golden-orange shade, distinct golden-yellow, and innumerable blotched and striped combinations of golden-orange with maroon and various shades of gold and lemon-yellow with contrasting dark maroon. Flowers have the familiar crested center flanked with several rows of broad guard petals. **Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c.**

Nierembergia

1069. **HIPPOMANICA (Dwarf Cup Flower).** T. P. A tender perennial. It starts to flower when the plants are only two inches tall, or about fifteen weeks after the seed has been sown, and keeps right on until heavy frosts. The plant at all times is neat and compact appearing, the new flowers covering the older flowers and seed pods. The lavender-blue flowers enriched by a touch of yellow in the center are most charming. Plants are very dwarf, compact, and not over six inches high with a spread of ten inches. Foliage is light gray green. Recommended for an edging or border plant. Very beautiful in window boxes or flower pots. Seed slow to germinate and should be carefully started early in flats. **Pkt., 20c; 2 pkts., 35c; 1/16 oz., \$1.20.**



Nierembergia, Hippomanica.



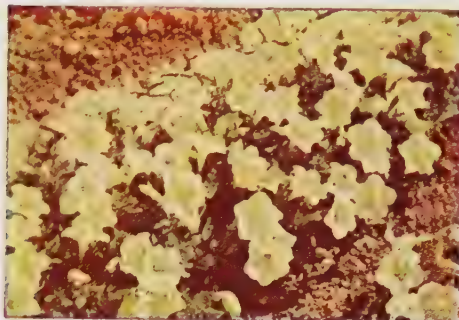
Marigold, Mission Giant-Goldsmith



Cleome, Pink Queen

Cleome

918. GIANT PINK QUEEN. H. A. An annual flower easily grown from seed. In the fall. This distinct variety has huge trusses of bright salmon pink on plants averaging three feet in height that are vigorous and bushy. It is ideal for tall borders or along driveways. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 80c.**



Petunia, Cream Star

Petunia

1098. CREAM STAR. H. A. A fine soft pastel cream Petunia for the garden. Light cream at the edge with the throat darkening to a bright golden yellow. The small star-like blossoms are five pointed and produced in enormous quantities on a dwarf bushy plant of uniform growth. An excellent border or edging plant as well as ideal for bedding. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00; 1/2 oz., \$1.75.**

Red Petunia

1105. FIRE CHIEF. H. A. The reddest Petunia ever developed. A Hybrid Nana Compacta type, which is dwarf, compact growing, reaching a height of 12 to 15 inches. Excellent for bedding or window boxes. It begins to bloom early in the season and will continue until frost. Gold Medal Winner for flowers in 1950, which recommendation alone should make it a must in your garden. Large pkt. (about 250 seeds). **Pkt., 20c; 2 pkts., 35c; 1/4 oz., \$2.25; 1/2 oz., \$4.00.**



Petunia, Fire Chief



Phlox, Dwarf Beauty

Annual Dwarf Phlox

1112. DWARF BEAUTY MIXED. H. A. This dwarf Phlox is neat, compact, and has such a large number of extra big blooms on each plant, that your first impression is that of a magic multi-colored carpet. This strain originated in England, and our mixture is composed of eight separate colors in the correct proportions. Has the usual Phlox foliage, but the color range includes many colors not previously found in Phlox, many of them being pure self colors. Blooms are almost twice the size of the regular strain. **Pkt., 20c; 2 pkts., 35c; 1/4 oz., 85c; 1/2 oz., \$1.50.**

New Red Cockscomb

909. CELOSIA TOREADOR. H. A. A Bronze Medal winner in the 1953 All America contest. A new lustrous bright red Cockscomb on a plant about 20 inches tall, foliage is light green. Easy to grow from seed sown in the open ground. **Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.80; 1/8 oz., \$3.30, postpaid.**

Bush Morning Glory

1049 1/2. ROYAL ENSIGN. H. A. The deepest and brightest blue of any annual. See page 52. **Pkt., 25c; 2 pkts., 45c; 1/2 oz., \$1.00.**



Celosia, Golden Plume

Celosia

907. GOLDEN FLEECE. H. A. A giant or pampas, plume feathered Celosia, very striking as a cut flower or in the border. The golden yellow plumes are huge and dense on long stems with dozens to the plant. Easy to grow, seldom attacked by insects or disease and will come again when cut. Plants are 2 1/2 to 3 feet tall. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 85c; 1/2 oz., \$1.50.**

Cosmos

924. FIESTA. H. A. The All-America top award winner in the flower section for 1952, receiving a silver medal. The bushy plant is 2 1/2 feet tall and very prolific. Early flowering and suitable for cut flowers or a border plant. The flowers have extra petals which are semi-double, ruffled, and the orange petals are flashed or longitudinally striped with scarlet. It is a heat loving plant and easy to grow. **Pkt., 15c; 2 pkts., 25c; 1/4 oz., 50c; 1/2 oz., 90c.**



Zinnia Lilliput, Rosebud

Lilliput Zinnia

1349. Rosebud. H. A. Fascinating bi-color red button-like flowers on wiry stems. Just the right length for bouquets. The neat, compact round blossoms, 1 1/2 inches in diameter, are bright rose in the center and flesh pink on the lower outside petals. **Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c.**



Poppy, All Double Shirley

Shirley Poppy

1123. ALL DOUBLE MIXED SHIRLEY. H. A. The bushy plants grow about 28 inches in height and flower early in the summer with the richest display of color imaginable. Scarlet, carmine, crimson, dark and light pink, salmon shades, white, pink and white edged, scarlet on white ground, and pink on white ground, as well as a bright cerise color. The airy-silky sheen of Shirley Poppies is particular to all shades. This strain that we offer comes practically 100 per cent double from seed. One of our specialties. **Pkt., 10c; 1/2 oz., 40c; 1 oz., 70c.**



Cosmos, Fiesta

OLDS' CHOICE ANNUAL FLOWER SEEDS

OLDS' ASTERS

PLEASE NOTE.

There are two types of aster disease, Aster Wilt and Aster Yellows. Wilt can be controlled by planting Wilt-Resistant varieties but the Yellows must be controlled by keeping plants dusted with D.D.T. as the Yellows are caused by an insect.

800. Finest Mixed Wilt Resistant. H. A. A mixture of Wilt-Resistant varieties of asters. This mixture contains the very best varieties, large flowers, bright colors in splendid assortment. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c; oz., \$1.00.

Giant Branching Aster.

813. Giant Branching. H. A. (Wilt Resistant.) Mixed. One of the finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.60.



Royal Aster.

802. Giant Comet Mixed. H. A. (Wilt Resistant.) Immense feathery double flowers, resembling chrysanthemums. Plants are non-branching. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

807. Giant Crimson. H. A. (Wilt Resistant.) (Branching.) A variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

809. Giant Purple. H. A. (Wilt Resistant.) (Branching.) A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

812. Bonnie. (Princess.) H. A. A new cutting type of wilt resistant Aster. Beautiful salmon rose. See page 41 for color illustration and description. Pkt., 20c; 2 pkts., 35c; ¼ oz., 65c; ½ oz., \$1.00; ¾ oz., \$1.85.

805. Heart of France. (Wilt Resistant.) H. A. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 20c; 2 pkts., 35c; ¼ oz., 70c; ½ oz., \$1.20; ¾ oz., \$2.25.



Heart of France Aster.

PLEASE NOTE.

The meaning of the initial preceding each variety is as follows:

A. indicates an Annual; these grow, bloom and die the first year.
B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed.
P. indicates a Perennial; these grow the first year, bloom the second and thereafter.
H. indicates a Hardy Plant.
H. H. indicates a Half-Hardy Plant.
T. indicates a Tender Plant.
Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.



Super Giant Wilt Resistant Aster.

817. Super-giant, Mixed. (Wilt Resistant.) H. A. Wilt resistant strain of California Giant Double which required 15 years to perfect. Size and type have not been altered. A combination of the sturdy habit of growth and long stems of the Beauty type of asters with the well known Ostrich Feather type of large, graceful flowers. Three feet high. The colors are: white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.30; oz., \$2.40.

803. Red Sensation. H. A. (Wilt Resistant.) This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

814. Giant Shell Pink. H. A. (Wilt Resistant.) (Branching.) The best clear light pink. Large flowers, graceful in form. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

806. White Ostrich Plume. H. A. (Wilt Resistant.) One of the finest asters grown. Large, graceful flowers free from all stiffness. Fine for cutting. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

808. Giant Blue. H. A. (Branching.) (Wilt Resistant.) Pure lavender shade approaching an azure blue. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.

WILT RESISTANT ASTER COLLECTION

610C. An excellent assortment of Wilt Resistant Asters that will provide a wealth of cut flowers in the Fall when flowers are in short supply. The collection consists of 1 packet each of the following: Red Sensation, Giant White, Giant Branching Shell Pink, Giant Blue and Giant Purple. Price, 40c.

HOW TO PLANT FLOWER SEEDS

The soil best adapted to flowering plants is generally a light friable loam, containing enough sand or peat moss to make it porous, thoroughly pulverized and enriched with plant food. Make the seed bed as fine, smooth and level as possible. Do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. Cultural directions are on every packet of seed.

GROW YOUR TRANSPLANTS IN SPHAGNUM MOSS

You don't need to be an expert to grow healthy plants from seed when you use Sphagnum Moss. It will eliminate the danger of damp-off. See page 25 for description and prices.



Super Giant Los Angeles Aster.

811. Super Giant Los Angeles. H. A. This is the largest and most fully double aster known. The flowers are from 6 to 8 inches across, full petaled and artistically graceful in the feathery effect of the interlacing ostrich type petals. The color is soft shell pink blending to creamy pink in the center. Plants about 3 feet in height with 6 to 8 long lateral stems on a plant. This is not a wilt-resistant variety. Pkt., 25c; 2 pkts., 45c; ¼ oz., 85c; ½ oz., \$1.50; ¾ oz., \$2.75.

818. Powderpuffs. H. A. Our new strain of Asters for the home gardener. See page 38 for color illustration and description. Pkts., 20c; 2 pkts., 35c; ¼ oz., 85c; ½ oz., \$1.50.

804. Giant White. H. A. (Wilt Resistant.) (Branching.) One of the best white asters. Four inches in diameter. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.15; oz., \$2.00.



Goldlocks Aster.

810. Goldlocks. H. A. (Wilt Resistant.) A Princess aster. Centers are quilled and outer petals broad. This is the deepest yellow aster. The flowers are fully double, attractive crest-like centers of good substance and fine depth petals. The flowers last well when cut and are excellent shippers. Height, 2 feet. Pkt., 20c; 2 pkts., 35c; ¼ oz., 70c; ½ oz., \$1.10.



California Giant Sunshine Aster.

815. California Giant Sunshine Mixed. H. A. The flowers have a raised center with the outside petals of a contrasting color, measuring 4 to 6 inches across. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Pkt., 15c; 2 pkts., 25c; ¼ oz., 80c; ½ oz., \$1.40.



Blue Ball Ageratum.

AGERATUM (FLOSS FLOWER)

825. Blue Ball. H. A. Plants are compact, standing about four inches high. The broad green foliage is almost completely smothered over a long blooming period with flowers of richest blue shades. Fine for edgings. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 75c; 1/4 oz., \$1.40.

827. Midget Blue. H. A. The plants are not over two to three inches in height. See page 43 for color illustration. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 90c; 1/4 oz., \$1.60.

826. Fairy Pink. H. A. This dwarf, compact pink Ageratum is a welcome addition to the garden. It begins to bloom when not more than 1 1/2 to 2 inches tall and continues to bloom until it forms a solid, compact mass of blossoms. When fully grown are not more than five inches in height. Pkt., 20c; 2 pkts., 35c; 1/2 oz., \$1.10.

ALYSSUM (MADWORT)



Little Gem Sweet Alyssum.

832. Royal Carpet. H. A. Received the top award for 1953 in the All-America trials. See front cover of field planting, and page 38 for description. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 80c; 1/2 oz., \$1.50.

831. Little Gem. H. A. (Compactum Erectum). One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 55c; oz., 95c.

BROWALLIA

863. Sapphire. H. A. Vigorous blooming bedding plant covered during summer and autumn with flowers of rare blue. Grows freely in any rich soil. Flowers have long stems making them excellent for cutting. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c; 1/4 oz., \$1.40.

ANCHUSA (AFRICAN FORGET-ME-NOT)

821. Blue Bird. H. A. Anchusa resembles a large forget-me-not. Blue Bird grows about 18 inches high, bearing flowers in a luxuriant bouquet at the top of the plant. The indigo blue forms a brilliant effect in any scheme for decoration. Blooms continuously throughout the summer. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c.



Blue Bird Anchusa.



Aurora Amaranthus.

AMARANTHUS

823. Aurora. H. A. Beautiful ornamental plants three feet high. Produces the best colors in hot sunny locations. The head of the plant is bright carmine shading to red, yellow and dark green. Note illustration. The lighter shade is the part of the plant appearing red. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 80c.



Arctotis



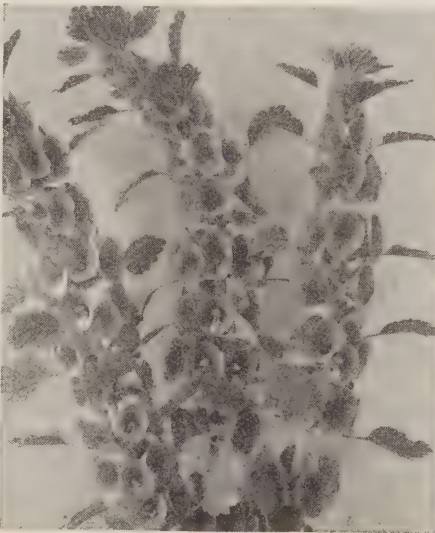
Brachycome
(Swan River Daisy)

ARCTOTIS

846. African Lilac or Blue Eyed Daisy. H. A. Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eyes. Underside of petals bluish. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 60c.

BRACHYCOME (SWAN RIVER DAISY)

869. Mixed. H. A. Flowers resemble small Cinerarias, which are excellent for edgings or small beds. Dwarf-growing annual which is free flowering during the greater part of the summer. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.00; 1/2 oz., \$1.80.



Bells of Ireland.

IRISH BELL FLOWER

850. Bell of Ireland (Molucella Laevis.) H. A. A curious flower widely used in floral bouquets. Graceful, two-foot branching stems that are surrounded by two-inch bell shaped flowers of beautiful green and delicately veined, containing a small white corolla. Easily grown from seed. Beautiful combined in bouquets with Gladioli. Pkt., 20c; 2 pkts., 35c; 1/4 oz., 80c; 1/2 oz., \$1.45; oz., \$2.50.

BARTONIA (BLAZING STAR)

861. Aurea. H. A. We think you will like this lovely large golden yellow flower which glistens like satin in the sunshine. The plant grows two feet high and prefers a dry sunny location. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c.



Bachelor's-Button.



Balsam.

BALSAM (LADY SLIPPER)

860. Camellia Mixed. H. A. Produces its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 55c; oz., 90c.

859. Double Bush Torch. H. A. A beautiful red flowering Balsam of the bush type that has the flowers on the tips of the stem. See page 38 for color illustration. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c; 1/2 oz., \$1.70.

858. Double Bush Flowering, Mixed. H. A. Plants are a trifle larger than the Torch, measuring about 12 to 16 inches. The flowers are fully double and appear at the tips of the stalky bushy plants. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 60c; 1/2 oz., \$1.10.



Dwarf Jubilee Gem Bachelor's-Button.

OLDS' BACHELOR'S-BUTTON

857. Jubilee Gem. H. A. Foliage is distinct from all other sorts forming a tufted mat of vivid green contrasting with the dark but striking double blue flowers. The plant grows about one foot high. Easy to grow, and a fine cut flower. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 80c; oz., \$1.50.

855. Mixed. H. A. (Centaurea Cyanus.) Although not a pretentious plant, Bachelor's-Button is one of the popular, hardy, old-fashioned annuals. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 75c.

856. Blue Shades. H. A. Fine for a blue garden. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c; oz., \$1.20.

COLEUS

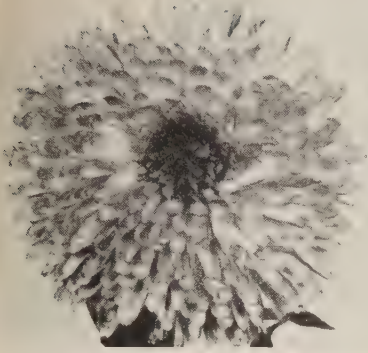
922. Rainbow Mixture. H. A. Very handsome and decorative plants with foliage of brilliant varied colors. Combinations are remarkably rich and fantastic. Pkt., 20c; 2 pkts., 35c; 1/2 oz., \$1.00; 1/4 oz., \$1.80.

CACTI

878. Finest Mixed. T. P. Cacti are not difficult to grow from seed. The seed, however, germinates very irregularly and requires a period of 14 to 45 days. Pkt., 20c; 2 pkts., 35c; 1/2 oz., 90c; 1/4 oz., \$1.60.



Cacti.



Chrysanthema Calendula.

CALENDULAS (Pot Marigold)

864. Chrysanthema. H. A. The large Chrysanthemum-shaped flowers measuring four inches across are a clear buttercup yellow with long, loosely arranged drooping petals. Besides adding a splash of beautiful yellow color to your garden this Calendula also makes a fine cut flower. Its stems are long and stiff and the flowers keep well in water. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c; oz., 80c.

865. Shaggy. H. A. A lacinated petalled type. The color is a deep orange shading to slightly lighter orange in the center giving the flower a delightful two-toned effect. Plants about 18 inches tall. Exceedingly graceful and especially desirable for the garden. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c; oz., 70c.

867. Pacific Beauty Mixed. H. A. Our new strain of Calendula described and illustrated on page 39. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c; oz., 70c.

868. Campfire. H. A. (Sensation.) Of vigorous growth, with the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, very handsome. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 80c.



CARNATION

Note. CARNATIONS while perennials are not hardy and should be treated as annuals.

900. Chabaud's Giant Mixed. H. H. P. (Improved Strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 65c; 1/2 oz., \$1.10.

901. Yellow Marie Chabaud. H. H. P. A unique color in carnations. Seed will produce about 75% true. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.00.



Calliopsis.



California Super Giant Cineraria.

CINERARIA

932. California Super-Giants. A fine house plant. The beautifully formed flowers measure from four to six inches in diameter with individual petals as much as 1 1/2 inches wide. Plants are compact in habit, 15 to 18 inches high, and the plant is basal branching which is a characteristic not found in any other strain of Cineraria. Color range from salmon and azure blue to the deepest blood red and violet blue. Pkt., 35c; 2 pkts., 60c; 1/2 oz., \$2.00.



Candytuft, Hyacinth Flowering.

CANDYTUFT

886. Giant White Hyacinth Flowered. H. A. Snowy white flowers on sturdy large spikes. Much like a hyacinth. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 80c.

885. Choice Mixed Umbellata. H. A. Well known hardy plants much used for borders and edging. Easy to grow. Season July 'til heavy frost. Height, one foot. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 80c.



Candytuft Umbellata



Clarkia.

CLARKIA

919. Double Mixed. H. A. Bright and attractive annuals of easy culture resembling sprays of flowering almonds. They grow about 2 feet high, bear profusely pretty double flowers carried on long, graceful sprays. Should be more widely planted. Grows well in semi shade. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c.

CALLIOPSIS (Tickseed)

875. Pine Mixed. H. A. Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms all summer. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

876. Dwarf Gold Crest. H. A. Showy large golden yellow semi-double flowers with brown zone. Plants are about 1 1/2 feet in height. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 70c; oz., \$1.25.



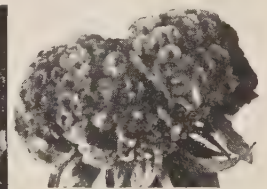
Annual Canterbury Bell.

ANNUAL CANTERBURY BELL

894. Annual Mixed. H. A. Here is a variety of Canterbury Bell that brings spring into your garden in the fall. It will bloom from seed in 90 days. The plants grow from 2 to 2 1/2 feet tall and each plant has from 6 to 8 spikes of bloom. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c.



Celosia Plumosa.



Celosia Crestata (Cockscomb)

CELOSIA

905. PLUMOSA. Ostrich Plume or Feather Type Mixed. H. A. Plants pyramidal, branching out above the plant with numerous massive plumes which resemble ostrich feathers. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c.

906. CRISTATA. Dwarf Mixed Cockscomb. H. A. Very hardy annuals of easy culture, producing large ornamental comb-like heads like ruffled crimson chenille. Maroon-colored leaves. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c.

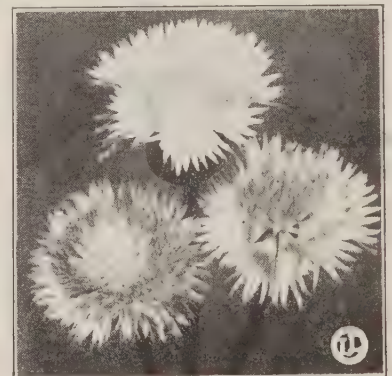
909. CRISTATA. Toreador. H. A. A new immense scarlet red cockscomb with light green foliage. A 1955 All-America Medal winner. Pkt., 25c; 2 pkts., 45c; 1/8 oz., \$1.80; 1/4 oz., \$3.30.

907. PLUMOSA. Golden Fleece. H. A. A new giant golden plume feathered cockscomb. See page 44 for color illustration and description. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 85c; oz., \$1.50.

908. PAMPAS PLUME. Mixed. H. A. The feecy, feathery flowers are in brilliant colors of Autumn leaves, gold, copper, red, scarlet, henna, and carmine. The 30 inch plants will produce blooms in approximately 75 days from sowing seed. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 85c; 1/2 oz., \$1.50.

CENTAUREA (Sweet Sultan)

911. Imperialis. H. A. Beautiful sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Combines well with other flowers. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c.



Centaurea, Imperialis (Sweet Sultan).



Sensation Cosmos.

OLDS' COSMOS

928. Sensation Mixed. H. A. The giant blooms measure four to six inches across on plants four to five feet tall. To produce the large blooms, plant three feet apart and disbud. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 70c; oz., \$1.20.

924. Fiesta. H. A. The All-America Silver Medal winner in the 1952 contest. Shown in color and described on page 44. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 50c; 1/2 oz., 90c.

926. Extra Early Colossal Mixed. H. A. The Cosmos for the northern latitudes. The plant is graceful and delicate, the flowers single and as large as the late blooming kinds. Plants grow 4 to 6 feet high. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

927. Radiance. H. A. A beautiful two-tone Cosmos that should be in every garden. See page 41 for complete description and color illustration. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c; oz., \$1.30.

925. Extra Early Double Crested Mixed. H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c.



Cobaea Scandens.

COBAEA

920. (Cathedral Bells.) H. A. One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season. Will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green, then turn to a beautiful purple. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 90c; 1/4 oz., \$1.60.

COLLINSIA

923. Bicolor. H. A. An easily grown flower which blooms freely in any good garden soil from June to October. Flowers are formed on wiry stems in tiers of whorled, deep-lipped petals. Sometimes called Chinese Houses as they suggest Chinese Pagodas. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c.



Firefly Cuphea.

CHRYSANTHEMUM

915. Annual Mixed. H. A. Showy flowers of pleasing shades, growing on strong, stiff stems. Largely grown for cut flowers. Foliage is finely cut and ornamental. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c.

914. Merry Mixture. H. A. A new strain of single Chrysanthemums or Painted Daisies that include solid colors as well as a wide range of zoned or tri-color flowers. See page 41 for color illustration. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 65c; oz., \$1.00.

COIX (Job's Tears)

929. Coix. T. P. While a perennial it is not hardy and must be grown as an annual. The leaves are about two feet long and one and one-half inches wide. Beads or tears on the axis are pearly white to lead color. They are useful ornaments and a curiosity. Pkt., 10c; 2 pkts., 15c; oz., 40c.



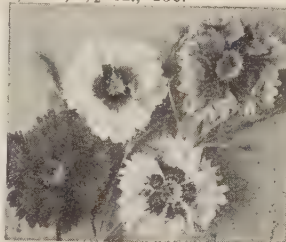
Sweet Wivelsfield Dianthus.

DIANTHUS (Pinks)

954. Sweet Wivelsfield Mixed. H. A. A cross between the hardy Pink and the Sweet William. Flowers are over three inches in diameter and are borne profusely. Colors include pink, rose, white and many marked with contrasting shades. Some are honey-scented. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 70c; oz., \$1.25.

950. Dianthus. (Pinks.) Double Chinen-sis Mixed. H. A. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form striped bands and markings and are very beautiful. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 85c.

952. Gaiety Mixed. H. A. While winter hardy with protection it should be grown in the north as an annual. The one foot plants are completely covered with a fascinating display of brilliant colored fringed flowers of pink, white, red, and maroon in a wide array of patterns. The blossoms appear in single, double, and semi-double forms and will cover the plants for a long season. Sweet scented. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 70c; oz., \$1.20.



Dianthus, Gaiety

CLEOME (Spider Flower)

918. Giant Pink Queen. H. A. An easily grown annual that blooms all summer. See page 44 for color illustration and description. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 80c.

CYNOGLOSSUM (Chinese forget-me-not)

934. Dwarf Firmament. H. A. Better appearing and produces more flowers than the taller type. Plants are sixteen inches in height, strong and erect. A flower that blooms all summer until freezing even on poor soils. The Forget-me-not-like blooms are a vivid blue and will harmonize well with all colors. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 35c; oz., 60c.

CUPHEA (Firecracker Plant)

933. Firefly. H. A. The general effect of this plant when in full bloom is a ball of fire. It is excellent for rock gardens, window boxes, flower pots, or as a border plant. This tender annual will flower readily from seed in twelve to fourteen weeks and bloom profusely throughout the summer. The compact plants reach a height of about ten inches and are covered with small delicate fiery red flowers. A good pot plant. Pkt., 25c; 2 pkts., 45c; 1/4 oz., \$1.50.

DAHLIA

935. Dwarf Hybrids, Mixed. H. A. See page 39 for color illustrations and description. Plant in a box in the house in April, and transplant. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 75c; oz., \$1.40.

DAHLIA BULB.

See page 34.

DOLICHOS

(Hyacinth Bean)

960. Tall Mixed.

H. A. A rapid-growing, free-flowering annual climber; blossoms and maroon pods are very ornamental. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 25c; oz., 40c.



Dolichos



Didiscus Coeruleus.

DIDISCUS (Blue Lace Flower.)

959. Coeruleus. H. A. A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 70c; 1/2 oz., \$1.20.



GOLDEN ORANGE DAISY

DIMORPHOTHECA

961. Dimorphotheca. Golden Orange Daisy. H. A. A showy African Daisy with large glossy, orange-red flowers. See illustration above. Pkt., 10c; 2 pkts., 15c; 1/4 oz., \$1.20.

962. Mixed Hybrids. H. A. Our mixture contains many beautiful shades of yellow, salmon, gold and white. Pkt., 10c; 2 pkts., 15c.

ANNUAL HOLLYHOCK

1007. Indian Spring. Sow the seed in flats, transplant in six weeks to the open ground. It will flower in about ten weeks. The semi-double five-inch flowers range in color from a pale pink to crimson. Height, four to six feet. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 75c.

GOURDS

995. Mixed. Ornamental. H. A. Quickly makes a dense growth of vines. Large types make fine birdhouses. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 25c; oz., 40c.



Mixed Ornamental Gourds.

OLDS' EVERLASTINGS

The five varieties listed below are all fine for winter bouquets.



Escholtzia or California Poppies.

Escholtzias or California Poppies

870. Single, Fine Mixed. H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c; oz., 70c.

872. Carmine King. H. A. Carmine-rose, both inside and out. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c; oz., 90c.

873. Golden West. H. A. The true wild California Poppy. Yellow with orange center. Largest flowers. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c; oz., 90c.

FOUR O'CLOCK

975. Tall Mixed. H. A. Handsome, free flowering, many colored blossoms. A good flower of hardy, bushy habit, very charming as a hedge plant. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 25c; oz., 40c.

HUNNEMANNIA (MEXICAN TULIP POPPY)

1001. Sunlite. H. A. A double-flowered bush poppy having much the appearance of a clear canary yellow tulip, two inches in diameter. The foliage is a light gray-green. Grows about 2 feet high. Requires a sunny, well-drained location. Plant after the soil becomes warm. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 90c.

GAILLARDIA PICTA

985. Annual Double Mixed. H. A. The annual Blanket Flower—red and yellow daisy-like flowers. Grows 1 1/2 feet tall with gray-green foliage. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 75c.



Tall Godetia.



Duke of York

GODETIA

990. Tall Double Mixed. H. A. A very pretty annual which should be more extensively grown. Attains a height of about 1 1/2 feet. The flowers have a satiny texture with many beautiful colors. A profuse bloomer. Does well in poor soil. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c; oz., \$1.00.

991. Duke of York. H. A. A beautiful new single flowering upright Godetia with bright scarlet and white base flowers. Frost resistant, continuing to bloom after the first early light frost, when flowers are much appreciated. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 85c; oz., \$1.50.



Kochia.

KOCHIA (BURNING BUSH)

1011. Mexican Fire Bush. H. A. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Makes a nice hedge. Pkt., 10c; 2 pkts., 15c; oz., 60c; 1/4 lb., \$1.90.



Helichrysum.



Acroclinium.

HELICHRYSUM (STRAW FLOWER)

965. Monstrosum. Mixed. H. A. Double flowers in glittering colors. The well-known straw-flower. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c; oz., \$1.60.

ACROCLINIUM

967. Double Mixed. H. A. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 45c; 1/2 oz., 80c.

GOMPHRENA (GLOBE AMARANTH)

997. Best Mixed. H. A. A showy annual everlasting or strawflower, resembling a large clover blossom. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c; oz., 70c.

LUNARIA (SILVER DOLLAR PLANT)

1025. Biennis. H. A. The flowers are purple, followed by silvery seed pods which make wonderful winter decoration. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c.



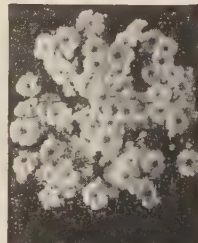
Statice Sinuata.

STATICE

968. Sinuata. Mixed. H. A. Dense groups of straw blossoms on the top of wiry stiff stems. Last for months when dried. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c.

GYPSOPHILA

994. Elegans Grandiflora. Covent Garden. H. A. (Baby's Breath.) The popular minute white flowers used by florists so much in bouquets. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 25c; oz., 45c.



Gypsophila.

LINARIA

1023. Northern Lights Mixed. H. A. They appear as tiny Snapdragons with spurs similar to Columbine. See page 39. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 65c.



Snow on the Mountain

SNOW ON THE MOUNTAIN

969. Euphorbia Variegata. H. A. A very distinct plant. Grows 2 feet high with very showy white foliage edged with green. Splendid for bouquets. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 60c.

HELIOTROPE

1000. Double Mixed. H. H. P. A fine house plant. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 60c; 1/4 oz., \$1.00.

MYOSOTIS (FORGET-ME-NOT)

970. Blue. H. H. P. Should be treated as an annual as it blooms from early sown seed. A sea of blue in the spring. The national flower of Belgium. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.25; 1/4 oz., \$2.00.



Annual Cambridge Blue Delphinium.

ANNUAL DELPHINIUM

1017. Cambridge Blue. H. A. This is a Chinese type of Delphinium which is strictly an annual. Blooms the first year from early sown seed. It is especially fine for border plants with its tall spikes of blue flowers. The color is a rich light blue surpassing Belladonna in brilliancy. Plants average two to three feet in height. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 80c.

OLDS' LARKSPURS

The improved Annual Giant Imperial Larkspurs are exceedingly graceful and attractive and are ideal for cut flowers as the flowering stems, three to four feet long, branch from the base of the plant. Sow early, and thin out the seedlings so each plant will have room for development.

1012. Supreme Strain Mixed. H. A. The most beautiful base branching Larkspur offered today. See page 40 for color illustration and description. Pkt., 15c; 2 pkts., 25c; 1/2 oz., 60c; oz., \$1.00.

1013. Blue Spire. H. A. Deep oxford blue. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

1014. Lilac Spire. H. A. A true lilac shade. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

1015. Carmine King. H. A. Deep carmine rose. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

1016. White King. H. A. Large florets two inches across. Pure glistening white. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

1019. Rosalind. H. A. Rose suffused salmon. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

1018. Improved Los Angeles. H. A. A rich salmon overlaid with a brilliant and pleasing rose. See page 39 for color illustration. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 35c; 1/2 oz., 65c.

ANNUAL LARKSPUR COLLECTION

630C. This collection is comprised of one pkt. each of the following six Larkspurs: Blue Spire, Lilac Spire, Carmine King, White King, Rosalind and Imp. Los Angeles. Will make a splendid cut flower garden. Special Collection Price: 30c, postpaid.

LOBELIA

1024. Dwarf Crystal Palace. H. A. Compact, bushy little plants about four inches high and covered with little, dark blue flowers. Attractive in window boxes or edging flower beds. Pkt., 15c; 2 pkts., 25c; 1/8 oz., 70c; 1/4 oz., \$1.25.



Lobelia

LUPINES

1027. Annual Hartwegii Giants. Mixed. H. A. An annual of very striking habit, growing from 3 to 4 feet tall, and of the base branching type with 4 to 6 long spikes to the plant. The foliage is a beautiful cress green. Spikes contain 25 to 50 more blooms than the old type and the blooms are larger. A fine cut flower. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 50c.



Giant Lupinus.

Olds' Marigolds



Little Giant Marigold.



Specimen plant of Dwarf Miniature Gem, Double Mixed Marigold.



Gigantea Sunset Giant Marigold.

1029½. **Little Giants.** (African.) H. A. Although the height is only ten to fifteen inches, the plant will actually produce a head of twenty to thirty-five 4-inch flowers. Note illustration. It is especially fine to grow as a pot plant. Colors range from yellow to bright orange. A small per cent of the plants will be of the tall type. These have light colored foliage and should be discarded when transplanting. Pkt., 15c; 2 pkts., 25c; ¼ oz., 70c; ½ oz., \$1.20.

1034. **Guinea Gold.** (African.) H. A. A rich Guinea Gold which can almost be described as a brilliant orange, a color which will harmonize well with other colors. The flowers will last for weeks as cut flowers and the plants are a mass of bloom until frost. It grows 2 to 3 feet tall. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 70c.

1032½. **Yellow Supreme.** (African.) H. A. It is quite similar to Guinea Gold, but the flowers are slightly larger and of a creamy lemon-yellow color. The plant is 2 to 3 feet tall, and is free blooming. Flowers will keep 10 days in good condition after cutting. Pkt., 10c; 2 pkts., 15c; ¼ oz., 45c; ½ oz., 75c.

1030½. **Extra Dwarf Formula Harmony Mixture.** H. A. Similar to the regular type Harmony Marigold but about 4 inches less in height averaging about 8 inches. Composed of the extra dwarf varieties such as Butterball, Midget Harmony, Spry, Sun-Kist and Yellow Pigmy. Florist and greenhouse growers that want a Marigold that will come into bloom in the flats when ready to sell plants should use this mixture in preference to the regular Mixed Harmony. Pkt., 15c; 2 pkts., 25c; ½ oz., 90c; oz., \$1.70.

1031½. **Redhead.** H. A. Striking single flowers two inches across with a crested center composed of many tiny golden petals, edged in maroon, and surrounded by a single row of broad overlapping graceful recurved petals, which open a mahogany changing to gold. The one foot plants are completely covered with flowers. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c.

1030. **Dwarf Mixed French.** H. A. The favorite, dwarf, highly-colored variety. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1029. **Dwarf Royal Scot All Double.** H. A. The bushy plants, uniform in shape, grow to a height of ten to twelve inches. The flowers are rich mahogany and gold in uniform stripes and are practically 100% double; something quite new in French Marigolds. Pkt., 10c; 2 pkts., 15c; ½ oz., 70c.



Dwarf Royal Scot All Double Marigold.



Early Sunrise Marigold.

1027½. **Early Sunrise.** H. A. Bright dazzling golden yellow. Chrysanthemum shaped flowers, 2½ inches in diameter. Free flowering on plants two feet tall. Will bloom 15 weeks after seed is sown. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c.

1039½. **Early Sunset Giants Mixed.** Our new extra early strain of Sunset Giant Marigolds. See page 38 for description. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c; ½ oz., \$1.60.

1033½. **TAGETES.** Lulu H. A. This is the first real yellow in the Tagetes type of Marigold. A very compact dome shaped plant growing about 7 inches, which is excellent for border plantings. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.00; ½ oz., \$1.80.



Harmony Marigold.

1035. **Gigantea Sunset Giant Mixed.** H. A. Blooms actually seven to eight inches in diameter have been produced and they will average five inches across. The plants will vary in height from three to six feet. The flowers are loosely formed, very full centered, with broad heavy petals gracefully overlapping to make a flower of great depth. Colors range from deep orange to light yellow. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 65c.

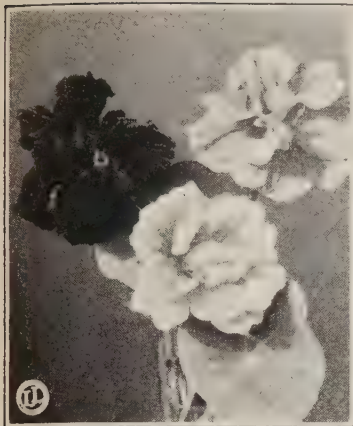
1031. **Naughty Marietta.** H. A. A wide-open single flowered Marigold, measuring two and one-half inches across. Flowers are a rich golden yellow, attractively blotched maroon at base of each petal. Received an award of merit from the Royal Horticultural Society. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1037. **Double Harmony Hybrids, Mixed.** H. A. A splendid mixture of the popular Harmony type. See page 43 for color illustration and description. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

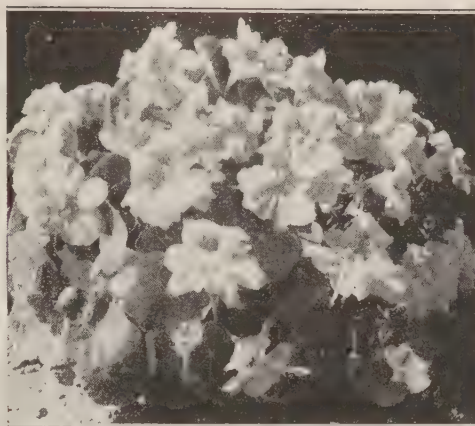
1033. **Glitters.** H. A. A clear, yellow, double chrysanthemum flowered marigold that won the All-America bronze medal in 1951. Bushy erect plants are 2½ feet tall, dark green foliage. The beautiful, golden 3 to 4 inch flowers have fringed outer petals and the cutting stems are long. Earlier blooming than most of the large African types. Pkt., 15c; 2 pkts., 25c; ¼ oz., 60c; ½ oz., \$1.00.

1028. **Harmony.** H. A. (Dwarf French.) The Scabiosa-like flowers with tubular deep orange center petals flanked by broad velvety dark maroon brown guard petals are most charming. The dwarf compact plants are about one foot high. Very free blooming and extremely early. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

OLDS' NASTURTIUMS



Double Gleam Mixed Nasturtiums.



Dwarf Double Golden Globe Nasturtium.



Double Dwarf Gem Nasturtium.

1058. Double Gleam Hybrid Mixed. H. A. This mixture contains a wide range of colors of the Gleam type semi-double mixed. The plants are half dwarf and the flowers semi-double. The bushy plants throw out runners averaging about two feet in length. As the plant nears complete development, it is a blaze of color. Under unfavorable growing conditions, these will not come 100% semi-double. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.30.

1056. Scarlet Gleam. H. A. Similar to our popular Golden Gleam but is a rich scarlet color. The plant is half-dwarf, bushy, with a few short runners. The blossoms are semi-double with ruffled petals. Profuse bloomer. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35.

1054. Double Gem Golden Globe. H. A. This variety is very similar to the Golden Gleam, but the plant is compact in growth. The free flowering, well formed flowers are delicately sweet scented. This variety holds its form well in rainy climates. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.30.

1053. Dwarf Single Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds and borders. Comprise a wonderful assortment of rich and varied shades. Large pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.30.

1060. Tall Single Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. The Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep them picked and they will keep blossoming. Large pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.30.

1057. Double Dwarf Gem Mixed. H. A. This strain of double Nasturtium will prove very popular for borders and edging. The good-sized sweet scented double flowers cover the little plants in excellent color arrangement. Plants are neat and compact. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.35.

1055. Golden Gleam. H. A. Semi-dwarf, forming a large vigorous bush which throws out runners averaging about 24 inches in length. Flowers measure 2½ to 3 inches across, borne on stiff, erect stems, 6 to 8 inches in length, standing well above the foliage. Very fragrant. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; ½ lb., \$1.30.



Mignonette

MIGNONETTE

1040. Dwarf Mixed. H. A. Of dwarf pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.



Mathiola

MIMOSA (Sensitive Plant)

1050. Pudica. H. A. A curious foliage plant growing about one foot in height, with fluffy pink ball flowers. If touched or shaken it will close up immediately, which makes it an interesting subject in the garden. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c.

MESEMBRYANTHEMUM (Ice Plant)

1051. Criniflorum. H. A. Two-inch, daisy-like flowers, some with self colors but generally white edged with rose, crimson, pink and buff. Fine for crevices in walks, or rock gardens and stone walls. Will thrive in poor sandy soil. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.25.



Nicotiana.

NICOTIANA (Sweet Scented Tobacco)

1066. Sensation Mixed. H. A. (Flowering Tobacco.) Large, trumpet-shaped flowers on plants 2 feet high. Very fragrant, and easy to grow. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

1067. Crimson Bedder. H. A. Bright crimson flowers on plants 15 inches in height. The tubular flowers usually close in mid-day but open in early evening, giving forth their rich perfume. Pkt., 10c; 2 pkts., 15c; ½ oz., 90c; oz., \$1.60.

NIGELLA (Love in the Mist)

1068. Double Mixed. H. A. A compact free flowering plant with finely cut foliage. Easily grown in any garden soil. Blue and white shades. Height 18 inches. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; oz., 80c.



Double Mixed Nigella.

FLORALIFE

PROLONGS THE LIFE OF CUT FLOWERS

Floralife prolongs the life of the flower by many days. Prevents fading; retards wilting even in warm rooms. It is very simple and easy to use. A 10c package is sufficient for a 2-quart vase or several smaller vases. Splendid to use for flower shows. Price, large pkt., 10c; 3 for 25c.



Nemesis.

MATHIOLA (Evening Scented Stock)

1041. Bicornis. H. A. Sometimes called perfume plant. Lilac flowers are produced on plants about 15 inches tall, which in the morning and evening and after showers give forth a sweet perfume. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

NIEREMBERGIA

1069. Hippomanica. T. P. Lavender blue flowers with yellow centers. See page 43 for color illustration and description. Pkt., 20c; ½ oz., \$1.20.

HELIANTHUS (Sunflower)

1180. Sun Gold. H. A. Bright yellow, double flowers, resembling chrysanthemums. See page 40 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 65c; oz., \$1.00.

1185. Mammoth Russian. H. A. Immense plants, 12 feet high with single blossoms from 6 to 15 inches across. Seeds used for birds and poultry. Oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 60c.

NEMESIA

1063. Finest Annual Mixed. H. A. Splendid little dwarf plants for foreground of beds and for edging borders. The orchid-like flowers measuring about ¾ inch across are varied in color ranging from rose, yellow, orange and blue. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.10.

CUT FLOWER GARDEN

1360. This mixture is made up of many attractive and easily grown annuals. Will please you with a succession of bloom from early spring until late fall. Extra large pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.

OLDS' IPOMEAS AND MORNING GLORIES



Ipomea, Pearly Gates.

1043. Pearly Gates. H. A. This Ipomea originated from a sport of the early Heavenly Blue Morning Glory. The big satiny-white 4½-inch flowers have a creamy shading in the throat. The vine is fast growing, attaining a height of about twelve feet with luxurious foliage of heart-shaped leaves of fresh light green. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c.

1044. Crimson Rambler. (Convolvulus) H. A. The most easily grown and freest flowering red Morning Glory. Ruby red with tube and throat white. Pkt., 10c; 2 pkts., 15c; ½ oz., 25c; oz., 40c.

1048. Heavenly Blue. Clark's Early Strain. H. A. Clear blue with white throat. See page 39 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c.

1049. Scarlett O'Hara. H. A. Flowers are about four inches in diameter of a dark wine-red or deep rosy-crimson. Flowers are a lovely blaze of color during the morning, and until well in the afternoon, remaining open practically all day on cloudy or dull days. See page 42 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c.

1047. Tall Mixed. (Convolvulus) H. A. The beautiful, old-fashioned, common Morning Glory. More prolific than the Ipomeas. Pkt., 10c; 2 pkts., 15c; oz., 45c.

OLDS' PHLOX

1112. Dwarf Beauty Mixed. H. A. A dwarf growing variety of exceptional beauty. See page 44 for description and color illustration. Pkt., 20c; 2 pkts., 35c; ½ oz., 85c; ¼ oz., \$1.50.

1113. Gigantea Art Shades. Mixed. H. A. A strain of Drummond's Phlox with individual florets 1¼ inches or more in diameter. In addition to the enormous flowers, the color range is exquisite, ranging through all the soft art shades. Plants are about nine inches high. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00.

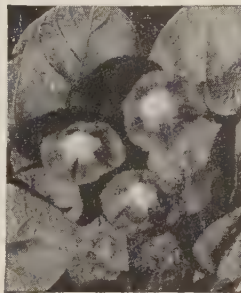
1114. Starred and Fringed. H. A. Pretty star-like flowers of many colors, some fringed. Pkt., 10c; 2 pkts., 15c; ¼ oz., 75c.

1110. Finest Annual Mixed. H. A. One of the easiest to grow of all annuals. Flowering continuously from a few weeks after seed is sown. Remove faded flowers to encourage blooming. A splendid mixture of pleasing colors and varieties. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00.



Please Note: Plant on poor soil. Convolvulus and Ipomeas are both considered Morning Glories. The Convolvulus have a capitate instead of two linear stigmas.

898. Cardinal Climber. H. A. A very handsome vine with finely cut fern-like ornamental foliage; a strong rapid grower attaining a height of 25 feet and covered with cardinal red flowers somewhat resembling small Morning Glories with the bell turned back. Pkt., 20c; 2 pkts., 35c; ½ oz., 60c.



Crimson Rambler Morning Glory.



Moonflower.

MOONFLOWER

1046. Mixed Noctiflora. H. A. A fine, ivy-leaved climber, covered every evening with large, fragrant flowers. Pkt., 10c; 2 pkts., 15c; oz., 55c.

BUSH MORNING GLORY

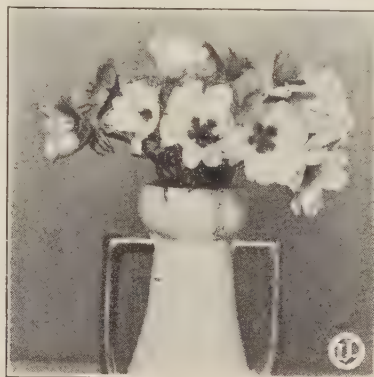


Bush Morning Glory Royal Ensign.

1049½. Royal Ensign H. A. Produces the brightest and deepest blue of any annual flower. The 1 foot plants are covered with the small bright ultra-marine blossoms which have a white halo and a gold throat. Blossoms in the early part of the day throughout the summer. Pkt., 25c; 2 pkts., 45c; ½ oz., \$1.00; oz., \$1.80.

GROW BETTER PLANTS. USE VITA BANDS.

Home gardeners will find these a great convenience in growing flower and vegetable plants. See page 75.

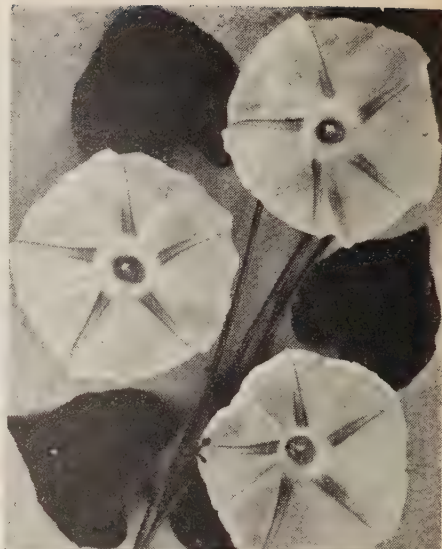


Single Mixed Portulaca.

PORTULACA (Moss Rose)

1131. Single Mixed. H. A. Fine for edging or bedding and mass plantings on boulevards and terraces. Does well on poor soils. Pkt., 10c; 2 pkts., 15c; ¼ oz., 45c; ½ oz., 80c; oz., \$1.45.

1130. Double Mixed. H. A. Like the single variety in growth, but flowers are double. See page 42 for color illustration and description. Pkt., 15c; 2 pkts., 25c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.25.



Ipomea Blue Star.

1045. Blue Star. H. A. An entirely new color in giant Ipomea being a distinct shade of clear sky blue accentuated by five deeper blue mid-ribs to form an attractive star. They are of immense size being larger and earlier than Heavenly Blue averaging 4 to 4½ inches in diameter, and are borne in great profusion. They will remain open well in the afternoon on cloudy days. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; oz., 60c.

RED, WHITE AND BLUE MORNING GLORY GARDEN

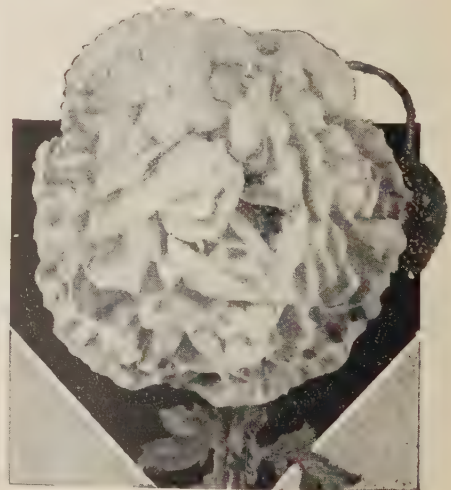
640C. Will make a splendid display on a trellis, arbor or fence. Each collection consists of one full size pkt. of each. Heavenly Blue—bright blue; Pearly Gates—white; Scarlett O'Hara—bright red. Price: 25c, postpaid.

OLDS' POPPIES

1123. All Double Shirley Poppy. (Mixed.) H. A. Fully double poppies a quarter again larger than the old types of Shirley Poppies. See page 44 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c.

1127. American Legion. H. A. Vivid scarlet-red Shirley Poppy. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c.

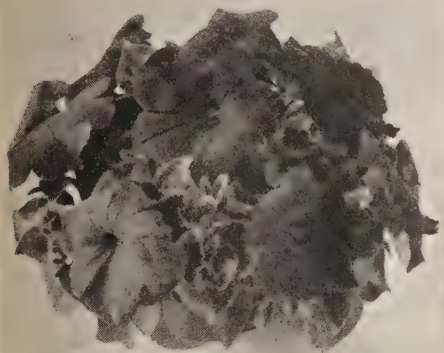
1124. Sweet Briar. H. A. Beautiful double Begonia-shaped flowers of a delightful shade of deep rose pink. The blooms are fully double resembling a Begonia. Will make a fine cut flower when the blooms are cut in the bud. Stems are twenty-four to thirty inches long. Pkt., 10c; 2 pkts., 15c; ½ oz., 40c; oz., 70c.



Sweet Briar Shirley Poppy.

OLDS' PETUNIAS

Petunias are very popular, especially among the city gardeners. They succeed with little attention, everywhere, do well under varying conditions of soil and bloom throughout the summer. They are equally attractive planted in mass plantings or in small quantities in porch boxes.



King Henry Petunia.

1090. **King Henry.** (Grandiflora Nana Compacta.) H. A. A long season bloomer with large waxy flowers of velvety blood red. The plants reach a height of about eight inches with a spread of from eight to ten inches. Each plant will have a dozen or more flowers in bloom at a time and the flowers will average approximately 2½ inches in diameter. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.25.

1103. **Rosy Morn.** (Hybrida Nana Compacta.) H. A. Compact plants bearing a profusion of beautiful flowers 1½ inches in diameter, with throats of silvery-white, the rest of the flower heavily flushed with soft, rosy pink. Very popular for porch boxes and bedding. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.25; ½ oz., \$2.25.

1108. **Blue Bedder.** (Hybrida Nana Compacta.) H. A. A rich true blue Petunia. The blooms are extra large and hold their color and size throughout the season. Plants measure about twelve inches in height. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$2.25; ½ oz., \$4.00.

1088. **Silver Blue.** (Hybrida Nana Compacta.) H. A. The best light blue or Heavenly Blue Petunia for bedding, edgings and borders. Blooms from early summer until frost. Plants are mound shape and grow to a height of 1 foot. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$2.00.

1097. **Elk's Pride.** (Grandiflora.) H. A. The blooms are extra large, three and one-half to four inches across, many of which are frilled and ruffled. The true royal purple is a color that will blend well with other colors. Pkt., 25c; 2 pkts., 45c; 1/64 oz., 75c; ½ oz., \$1.40.

1101. **Rose of Heaven.** (Hybrida Nana Compacta.) H. A. Quite similar to Rosy Morn but excels it in its rich brilliant rose color without the white throat. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.25; ½ oz., \$2.25.

1098. **Cream Star.** H. A. Light cream at the edges with the throat darkening to a bright golden yellow. The small star-like blossoms are five pointed and produced in enormous quantities on a dwarf bushy plant of uniform growth. See page 44 for color illustration. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.75.

1093. **Ruffled Little Giants, Mixed.** H. A. An excellent type of Petunia for bedding and pot culture. The 8 to 12-inch plants remain neat, compact and erect throughout the season. The flowers are deep throated, of medium size, well ruffled and waved and completely cover the plant. Colors range from deep crimson to white in almost every imaginable shade and combination of marking. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.25.



Ruffled Little Giant Petunia.



Martha Washington Petunia.

1094. **Martha Washington.** (Ruffled Nana Compacta.) H. A. The plant is about nine inches high and forms a perfect ball literally smothered with beautiful frilled blooms about three inches in diameter. The frilled flower is a beautiful bluish pink and the center portion is strongly veined a rich wine red, deepening in the throat to a dark violet. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.40.

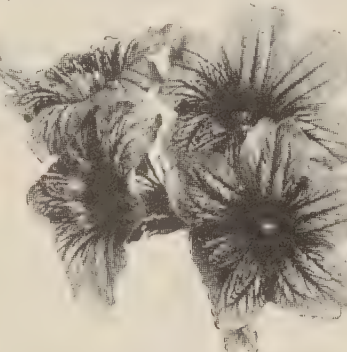
1086. **Theodosia, Improved** (Grandiflora Single Fringed.) H. A. Large fringed rosy pink with clearly defined golden center with minute stripes. Start seed with utmost care in flats. Pkt., 25c; 2 pkts., 45c.



General Dodds Petunia.

1092. **General Dodds.** (Hybrida.) H. A. A flaming red Petunia of the hybrida or bedding type. Unlike most red Petunias, this strain will hold its brilliant color through the hottest weather. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.00; ½ oz., \$1.85.

1105. **Fire Chief.** H. A. The reddest Petunia ever introduced. See page 44 for color illustration and description. Large packet, about 250 seeds, 20c; 2 pkts., 35c; ½ oz., \$2.25; ¼ oz., \$4.00.



Salpiglossis.

SALPIGLOSSIS

1145. **Mixed.** (Painted Tongue.) H. A. A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. Pkt., 10c; 2 pkts., 15c; ¼ oz., 40c; ½ oz., 60c.



Lipstick Petunia.

1087. **Lipstick.** H. A. (Hybrida Nana Compacta.) This new Petunia will probably take the place of Celestial Rose as it is in the same class but an improvement. It is especially valuable in locations where other rose varieties have a tendency to fade in the sun. The 10 to 15 inch plants are covered with medium sized single flowers of a rich carmine rose. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$2.75; ½ oz., \$5.00.

1096. **Comanche.** H. A. A fire red hybrid Petunia similar in color to Fire Chief. Won a Gold Medal in the 1950 All-America contest. Being a hybrid, it has extra vigor and produces more blooms throughout the season. Flowers measure about 2½ inches across. Pkt., 50c; 2 pkts., 95c; 1/64 oz., \$2.50.

1095. **Snowball.** (Hybrida Nana Compacta.) H. A. A white Petunia, free flowering from early summer until frost. Moundlike plants are uniformly covered with blooms. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.40.

1100. **Supreme California Giants, Mixed.** H. A. Largest and most striking strain of the ruffled giant type. Described and shown in color on page 42. Pkt., 30c; 2 pkts., 50c; ½ oz., \$1.90; ¼ oz., \$3.50; ½ oz., \$6.25.

1102. **Choice Mixed.** (Hybrida Nana Compacta.) H. A. Will produce an abundance of small, bright flowers. This is the type to use for bedding. Pkt., 10c; 2 pkts., 15c; ¼ oz., \$1.25; ½ oz., \$2.25.

1106. **Victorious All Double Mixed.** H. A. (Japanese grown.) We consider this strain the best Double Petunia on the market today. See page 41 for color illustration and complete description. Pkt., 45c; 2 pkts., 85c; 1/128 oz., \$4.00.

1085. **Radiance.** (Hybrida.) H. A. A cerise rose variety. Described and illustrated in color on page 43. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.60.

RED, WHITE AND BLUE PETUNIA GARDEN

650C. The Petunia is ideal for beds and borders as it is easy to grow and blooms profusely from early summer to frost. Collection consists of one full size pkt. each, General Dodds—red, Silver Blue—light blue, Snowball—pure white. Price: 20c, postpaid.

OLDS' SALVIA

Start seed in February.

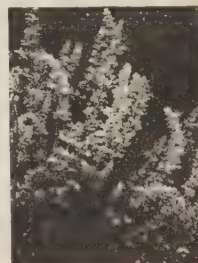
1150. **America.** (Scarlet Sage.) H. A. This variety grows 14 to 16 inches tall and is the earliest and most continuous bloomer of all the Salvias. Very uniform in habit and growth, making it ideal for bedding. Scarlet flowers. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.40; ½ oz., \$2.50; ½ oz., \$4.75.

1152. **Splendems.** (Scarlet Sage.) H. A. Taller than the America, growing about 24 inches in height with numerous flowering spikes of a fiery scarlet. The plant branches freely and side shoots often produce 4 to 5 flowering spikes each. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.25; ½ oz., \$2.25; ½ oz., \$4.00.

1151. FARINACEA.

Blue Bedder. H. A.

This is the deepest blue variety of Salvia that we know of. It makes a splendid background for all other colors in the border and it can also be used by drying for winter bouquets. Grows 2½ to 3 feet in height. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$2.00; ½ oz., \$3.75.



Salvia Farinacea Blue Bedder.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN



Scabiosas.

OLDS' SCABIOSAS

(Pincushion flower.)

1153. Improved Choice Mixed. H. A. Tall Flowering. A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Lasts for days when cut. See page 39 for color illustration. Pkt., 10c; 2 pkts., 15c; ½ oz., 65c; oz., \$1.00.

1158. Rosette. H. A. A beautiful shade of deep rose heavily suffused with salmon. The flowers are extra large and the stems are long and stiff. See page 41. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1155. Ageratum Blue. H. A. A clear medium blue Scabiosa. Longer stems and larger flowers than the old type. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1154. Loveliness. H. A. Salmon-rose shades of the improved strain of Scabiosas. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1159. Salmon Beauty. H. A. A pure salmon. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1162. Fire King. H. A. The best fiery scarlet. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

1163. King of Blacks. H. A. Rich reddish black. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c.

Olds' Scabiosa Collection

660C. Scabiosas make excellent bouquets that last for days. This collection will furnish a beautiful selection for cutting. Each collection consists of 1 pkt. each of the following: Rosette, Ageratum Blue, Loveliness, Salmon Beauty, Fire King and King of Blacks. Price: All six pkts. for only 35c, postpaid.



Stocks



Thunbergia

STOCKS

1172. Large Flowering Dwarf Ten Weeks. (Mixed). H. A. The flowers appear on long, stiff stalks like small rosettes. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; ½ oz., 60c; oz., \$1.00.

THUNBERGIA (BLACK-EYED SUSAN)

1302. Alota. H. A. A well-known trailing plant for training on stumps and fences. The leaves are heart shaped and the flowers creamy orange color with throat and eyes of dark blue or black. Blooms in mid-summer. Suitable for window boxes. Pkt., 15c; 2 pkts., 25c; ½ oz., 90c.



University of California Snapdragons.

OLDS' SNAPDRAGONS

(Antirrhinum.)

840. Dwarf Mixed. Rust-Proof. (Nanum Maximum.) H. A. This strain has large flowers of many colors but grows 8 to 10 inches shorter than the Majus Grandiflorum, averaging about 18 inches in height. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40; oz., \$2.60.

841. Giant Fragrant. Mixed. Rust-Proof. H. A. (Maximum.) Grows 3 feet tall with long stalks of large flowers, two to three inches across. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40; oz., \$2.60.

839. Rosalie. (Majus Grandiflorum.) Rust-Proof. H. A. A shade of rich deep rose. See page 40 for description and color illustration. Pkt., 15c; 2 pkts., 25c; ½ oz., 75c.

842. Mr. L. L. Olds. (Majus Grandiflora.) Rust-Proof. H. A. Huge yellow florets spaced on long strong stems. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

834. Harmony. (Majus Grandiflorum.) Rust-Proof. H. A. Beautiful terra cotta and yellow shaded rose. Height, 2½ feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

835. Shasta. (Majus Grandiflorum.) Rust-Proof. H. A. Pure white Snapdragon. 2½ feet in height. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

836. Pinkie. (Majus Grandiflorum.) Rust-Proof. H. A. A rich clear pink. Height 2½ feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

837. Padre. (Majus Grandiflorum.) Rust-Proof. H. A. Beautiful bright crimson. Spikes 2½ feet high. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

838. Cherry Rose. (Majus Grandiflorum.) Rust-Proof. 2½ feet. A deep cherry rose. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; ½ oz., \$1.40.

844. University of California. Mixed. Rust-Proof. (Majus Grandiflorum.) H. A. The University of California was very active in producing a strain of rustproof Antirrhinum and this mixture was named after that university. Mixture contains practically all the colors to be found in Snapdragons. Plants average 2½ feet in height. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; ½ oz., 90c; oz., \$1.60.

843. Giant Ruffled Tetraploid Mixed. H. A. Probably the largest flowering of all Snapdragons. See page 38 for color illustration and description. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.15; ½ oz., \$2.00; oz., \$5.75.

Olds' Snapdragon Collection

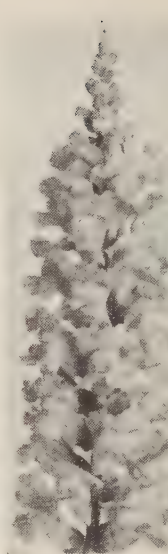
620C. Each collection consists of one full-sized packet of the following: Harmony, Terra Cotta and yellow shaded rose; Pinkie, clear pink; Shasta, white; Padre, bright crimson; Cherry Rose, cherry rose; Mr. L. L. Olds, yellow. No finer collection of Snapdragons could be desired by any gardener. Price 25c postpaid for all six packets.

TAHOKA DAISY

1300. Lavender. H. A. Lavender-blue daisy like flowers with deep yellow centers. Flowers appear on fern-like foliage plants from late June until October. A fine cut flower. Seed germinates slowly and we recommend placing the seed in the refrigerator for ten days before planting as this hastens germination. Pkt., 15c; 2 pkts., 25c; ½ oz., 75c.

TORENIA (WISHBONE FLOWER)

1301. Fournieri. H. A. One of the finest flowers for growing in hot, dry climates. The bush is about 10 inches high, completely covered with lovely richly colored Snapdragon-like flowers of delightful sky-blue with a dash of gold on the lips. It is excellent for rock gardens, pots, and hanging baskets as it does very well in partial shade. Pkt., 10c; 2 pkts., 15c; ½ oz., 80c.



Giant Ruffled
Tetraploid
Snapdragon.



Ricinus (Castor Bean).

RICINUS (CASTOR BEAN)

1140. Zanzibariensis. Mixed. H. A. (Castor Bean.) Stately, ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Excellent as a center plant in a flower bed. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., 90c.



Schizanthus

SCHIZANTHUS (BUTTERFLY FLOWER)

1166. Mixed. H. A. One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many-colored flowers that the foliage is almost concealed. Pkt., 10c; 2 pkts., 15c; ½ oz., 45c; ½ oz., 80c.

CHINESE WOOLFLOWER

1303. Celosia Childsii. H. A. A Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c; 2 pkts., 15c; ½ oz., 35c; ½ oz., 65c.



OLDS' SWEET PEAS

OLDS' VERBENAS



Cuthbertson Sweet Peas

CUTHBERTSON SWEET PEAS

They are superior to other strains for northern gardens as they are heat-resistant and under favorable growing conditions will produce four to five blooms on each of the extremely long stems. They will continue to flower throughout the season if the blooms are picked daily.

1206. Tommy. H. A. A true amethyst blue without the usual purple or mauve undertones. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1207. Frank G. H. A. Large lavender-lilac blooms which are nicely waved and slightly deeper color towards the base of the flower. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1208. Evelyn. H. A. Extra large salmon cream flowers well arranged on long stems. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1209. Lois. H. A. Rose pink. A counterpart of the popular Pinkie in the late Spencer type with more vigor, longer stems and larger blooms. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1210. Janet. H. A. A black seeded, glistening white with enormous blooms which are beautifully waved. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1211. Jimmy. H. A. A sharp dazzling scarlet which does not burn. Four big blooms on long stems. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1212. Jessie. H. A. A rich satiny mauve with lots of substance. Large crinkly-waved flowers on fine long stems. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1213. Connie. H. A. A coral-like color with great depth. Delicate and beautiful. Five large blooms on extra long stems is not unusual. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1214. Billy. H. A. A striking deep rose or light carmine with vigor, giant blooms and long stems. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1215. Liza. H. A. A fine rich velvety maroon, with mammoth well waved blooms on heavy long stems. Pkt., 10c; oz., 30c; ¼ lb., 90c.

1205. Cuthbertson Mixed. A blended mixture of the most popular name varieties of Cuthbertson Sweet Peas. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

CUTHBERTSON SWEET PEA COLLECTION

670C. One packet each of the ten named varieties listed above. All ten packets for 75c, postpaid.

1202. Little Sweetheart, Dwarf Bush. H. A. A new type of Sweet Pea that grows only ten inches high. See page 38 for color illustration and description. Pkt., 45c; 2 pkts., 85c; ½ oz., \$2.50; oz., \$4.50.

1201. Sunrise Mixed. (Early-flowering Spencers.) Early Spencers have long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 1c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$2.90.



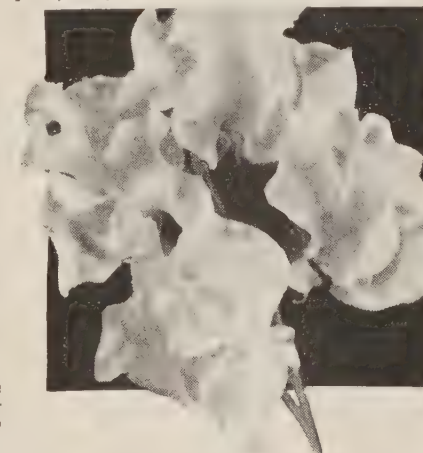
Early Multi-Flora Sweet Peas.

1200. Zvolanek Early Multi-Flora Mixed. H. A. This new class of sweet pea is extremely vigorous in plant growth and will usually start blooming in about 75 days after planting. Under good growing conditions, the husky stems will average 18 inches and produce at least two more flowers to the stem than other varieties. Usually 5 to 8 giant frilled and waved blooms. One of the most important developments in sweet peas for many years. Pkt., 35c; 2 pkts., 60c; oz., \$1.00; ¼ lb., \$3.00; lb., \$9.00.

1204. Shirley Temple. (Early Spencer.) Colossal blooms of soft rose-pink, beautiful beyond description, produced on strong, vigorous plants. Stems are long, containing four very large blooms. Flowers a month earlier than the late Spencers and will continue to bloom along through with the late varieties. Pkt., 10c; 2 pkts., 15c; oz., 40c; ¼ lb., \$1.25.

1203. Giant Spencers. Mixed. A long stem, well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

1238. Ruffled Spencer Mixed. Ruffled Spencer Sweet Peas appear double because of the unusual duplexness and extra frilliness of the flowers. They are very large on long stems. A few make an attractive bouquet. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 75c; lb., \$2.25.



Ruffled Spencer Sweet Pea. WALLFLOWER

1315. Early Flowering. Mixed. H. H. P. Half hardy perennials which are treated here in the North as annuals, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. Pkt., 10c; 2 pkts., 15c; ¼ oz., 55c.

VENIDIUM

1313. Fastuosum Hybrids. (Monarch of the Veldt.) H. A. The plant of a silky gray color, grows about 3 feet tall; flowers are rich orange, daisy-like and about 4 inches in diameter with a purple-black zone at the base of the petals. The flowers are borne on long stiff stems which will keep for weeks in bouquets. Will make a very showy display late in the summer. Plant early in a sunny, well-drained location. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c.



Bush Verbena, Starlight.

1310. Starlight. (Bush Type.) H. A. Instead of flat growing this type of Verbena grows in bush shape. They are about 8 to 10 inches high and 12 to 15 inches across. The flowering heads practically touch each other. Flowers are a bright mid-blue with a creamy white eye. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.50.

1311. Salmon Queen. (Bush Type.) H. A. Similar to Starlight above being bush type, but the flowers are a pleasing shade of bright salmon. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.50.

1304. Royal Bouquet Mixed. H. A. An upright type of Verbena coming in many brilliant colors. Plants are base branching, producing large flowers on stiff strong stems fifteen to eighteen inches long. Ideal for both bedding and cutting. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.20.

1305. Finest Mixed. H. A. A favorite low growing old flower, that thrives in the sun. Clusters of many bright colors borne from June until heavy frosts. Excellent for beds and borders. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 95c.

1308. Vivid. H. A. (Hybrida Grandiflora.) The most brilliant, intense, scarlet color we have ever seen in Verbenas. Under the strongest sunshine, both in the East and West, there was no evidence whatever of burning. It has extremely large, uniform trusses, and florets are proportionally large. The numerous trusses growing close together form a solid carpet about eight inches tall. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c.

1307. Brightness. H. A. A brilliant red Verbena. See page 42 for color illustration and complete description. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c.

1309. Sutton's Blue. H. A. One of the largest flowering Verbenas. The deep royal blue rounded flower trusses measure two and one-half to three inches across, and are as deep as they are wide. Very uniform color over the entire flower. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.50.

ANNUAL FLOWER GARDEN

12 PKTS. FOR 65c. POSTPAID

600C. This collection is composed of a full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost. Alyssum, Little Gem; Snapdragon, Giant Fragrant; Bachelor's-Button, Mixed; Balsam, Camellia Mixed; Calendula, Pacific Beauty Mixed; Scalliosa, Double Mixed; Celosia, Ostrich Plume; Cosmos, Colossal Mixed; Nasturtium, Double Gleam Mixed; Four O'Clock, Fine Mixed; Marigold, Sunset Giant Mixed; Zinnia, Elegans Mixed.

TITHONIA

1299. Torch. H. A. 1951 All-America Silver Medal Winner. See page 42 for color illustration and description. Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., 90c.



Venidium, Fastuosum.

OLDS' ZINNIAS

The Zinnia is the most popular annual grown today. It has few enemies, insects or fungus and will succeed on most all types of soil regardless of weather conditions.

1333. Linearis Orange. H. A. This little dwarf Zinnia much resembles a daisy. See color illustration on page 42. It is excellent for borders or edging. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.60.

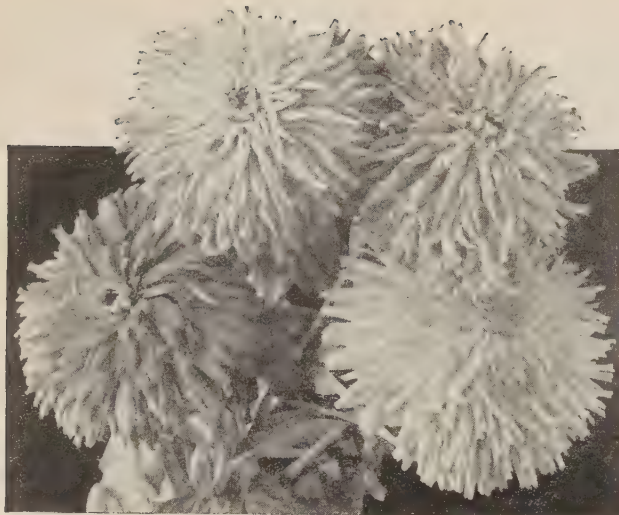
1337. Fantasy Mixed. H. A. The Fantasy have rounded flowers, are composed of a mass of shaggy, ray-like petals which give a delicate and refined appearance to the medium-sized double flowers. The colors range from the brightest shades of red and orange to the popular pastel pinks and creams. Pkt., 10c; 2 pkts., 15c; ½ oz., 55c; oz., 95c.

1332. Fantasy Wildfire. H. A. A bright red Zinnia of the Fantasy type. See page 39 for complete description and colored illustration. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.



Fantasy Zinnias.

1348. Fantasy Melody. H. A. A Fantasy type Zinnia in an unusual shade. A striking and distinct vivid lavender. See page 41 for color illustration and description. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.



Giant Cactus Flowering Zinnias.

1340. Giant Cactus Flowering. Mixed. H. A. A true and uniform strain of distinct and desirable cactus flowering Zinnia. Flowers are not quilled but fluffy, larger than the dahlia flowered with some measuring 6 inches in diameter. Plants about 2½ feet high. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1350. Peppermint Stick. Mixed. H. A. One of the most unusual Zinnias ever offered. See page 38 for color illustration and description. Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., 90c; oz., \$1.60.

1347. Tiny Tim Cupid. H. A. An improved red riding-hood. Plants one foot tall with many slender branches each bearing a double brilliant scarlet flower about one inch in diameter. Fine for borders as well as cutting. Blooms from summer to frost. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.

1338. Harmony or Scabiosa Flowered. Mixed. H. A. Flowers are medium size, resembling annual Scabiosa. Free flowering, with plants averaging two and one-half to three feet. Fine for cutting. See page 43 for color illustration and description. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00; oz., \$1.80.

1352. Blaze. H. A. The 1954 All-America contest winner. See page 39 for description. Pkt., 15c; 2 pkts., 25c; ¼ oz., \$1.00; ½ oz., \$1.75; oz., \$3.00.

1335. Super Giant Mixed. H. A. For exhibition purposes this truly giant flowered strain is outstanding. Individual flowers measure five and one-half to six inches in diameter. Has all the colors found in other Zinnias, including combinations of colors, and rare and unusual shades of cream, buff, apricot, salmon, rose, and orange. Plants are strong growing and attain the height of about three feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

1339. Haageana Mixed. H. A. This is a small flowering Mexican Zinnia which has a charm all its own. The small flower is excellent for bedding and will make a brilliant display although the stems are long enough for fine bouquets for vases and bowls. The color range in our mixture is very attractive. Pkt., 15c; 2 pkts., 25c; ¼ oz., 60c; ½ oz., \$1.00.



Gold Medal Dahlia Flowered Zinnias.

DAHLIA FLOWERED ZINNIAS

1336. Dahlia Flowered. Mixed. H. A. A type of Zinnia characterized by large size fullness of petal, extraordinary color range and good keeping quality. Resembles Dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

1331. Crimson Monarch. H. A. This truly remarkable deep red Zinnia has proven very popular. Has enormous flowers, often 8 inches across, of the brightest crimson scarlet.

1345. Canary Bird. H. A. Rich canary yellow.

1342. Purple Prince. H. A. Rich purple.

1346. Exquisite. H. A. Light rose with deep rose center.

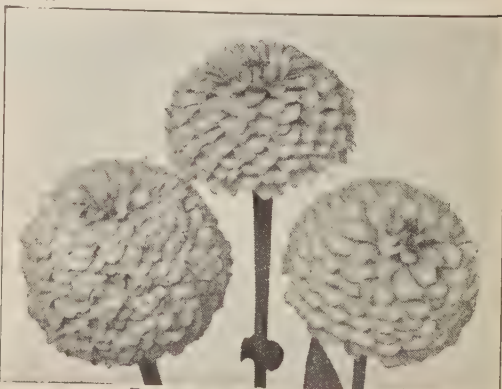
1343. Oriole. H. A. Orange and gold bi-color.

1341. Polar Bear. H. A. Large creamy white.

Prices, above named varieties. Pkt., 10c; 2 pkts., 15c; ½ oz., 60c; oz., \$1.00.

DAHLIA FLOWERED ZINNIA COLLECTION

680C. This beautiful collection of Giant Dahlia-Flowered Zinnias contains one full size package of each of the above 6 named varieties. Special price, 25c.



Pompon or Lilliput Zinnias.

Elegans Mixed Zinnia.

1334. Elegans Mixed. (Pumila Dwarf, Double.) (Cut and Come Again.) H. A. This class of Zinnia has medium sized double flowers with long stems which make it especially fine for cut flowers. As the name implies, it is the Cut and Come Again type. Especially fine for massing in the garden as it produces a continuous succession of cut flowers throughout the summer. Height 2½ to 3 feet. Pkt., 10c; 2 pkts., 15c; ½ oz., 65c; oz., \$1.20.

1349. Lilliput, Rosebud. H. A. A fascinating bicolor red and pink on long wiry stems. See page 44 for color illustration and complete description. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.

1330. Lilliput or Pompon. Mixed. H. A. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.



Floradale Scarlet Zinnia.

1344. Floradale Scarlet. H. A. A vibrant scarlet, red cactus flowering new Zinnia, slightly smaller than the dahlia flowered with fluffy petals. Plants are 2 to 2½ ft. high. Pkt., 15c; 2 pkts., 25c; ½ oz., 75c; oz., \$1.40.



Vinca.

VINCA (Periwinkle)

1312. Finest Mixed. T. P. A very pretty plant growing about 15 inches in height. It forms a very attractive, bushy plant with an abundance of dark, glossy, green foliage and bears a profusion of single flowers 1½ inches across at the axils of the leaves. Blooms in August from early-sown seed. Pkt., 10c; 2 pkts., 15c; ¼ oz., 60c; ½ oz., \$1.00.

PERENNIAL FLOWER SEEDS



The Pearl Achillea.

ACHILLEA

820. The Pearl. H. P. Pure white double flowers on plants growing about two feet high. Flowers from June to August. Fine for cutting. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.



Agrostemma

AGROSTEMMA

822. Coronaria Atro-Sanguinea. H. P. Blood red flowers on long slender stems. Resembles a single pink. Foliage is silvery, one to two feet in height. It will bloom the first season and is excellent for cutting. Free flowering and attractive. The seed germinates slowly, requiring from 20 to 30 days. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 40c.



Anemone

ANEMONE (WIND-FLOWER)

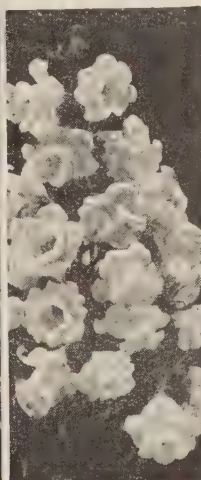
824. Coronaria St. Brigid's. Double Mixed. H. P. One of the most beautiful flowering perennials. Double poppy-like flowers on 12-inch plants. This strain has a wonderful array of color. Combinations of red, blue and white. Seeds germinate slowly. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.25; 1/4 oz., \$2.00.

AQUILEGIA (COLUMBINE)

845. Mrs. Scott Elliott's long spurred strain. H. P. Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers. See page 41 for color illustration. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c; 1/2 oz., \$1.40.



Aquilegia.



Canterbury Bells.

ARMERIA (SEA PINK)

829. Giant Pink. H. P. Deep pink flowers borne in heads, appearing on straight stems 24 inches high. Blooms profusely all summer; excellent for cutting. Plants are dwarf with grassy leaves and tufted growth. Pkt., 25c; 2 pkts., 45c; 1/2 oz., \$1.50.

ARABIS (ROCK CRESS)

828. Alpina. H. P. A spreading, dwarf spring flowering plant, excellent for rock gardens and crevices. Flowers appear in April and are pure white. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c.



Bellis

BELLIS MONSTROSE (ENGLISH DAISY)

943. Double Finest Mixed. H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.00.

BAPTISA

847. Australis. Blue. H. P. Beautiful blue Lupine-like flowers on three to four feet high, spreading, bushy plants. Leaves bluish green. Flowers in June and July. Pkt., 20c; 2 pkts., 35c; 1/4 oz., 65c.

BOLTONIA

848. Latisquama. H. P. Flowers appear about the same time as wild asters and look very much like them. A profusion of pink blossoms in late August. To keep Boltonia in good condition, clumps should be divided and re-set every spring or at least every other year. 5 to 6 feet. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.50.

CANTERBURY BELLS

895. Campanula Medium. Mixed. H. B. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 55c; oz., 95c.

896. Campanula Medium Calycanthema. H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup-like bell. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 55c; 1/2 oz., 90c; oz., \$1.60.

ALYSSUM

833. Gold Dust. (Compactum Saxatile.) H. P. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 70c; oz., \$1.20.

BEGONIA

862. Evansiana. T. P. Flowers are a clear pink and borne in clusters. Plants 2 feet. Blooms in autumn. Pkt., 30c; 2 pkts., 55c; 1/2 oz., \$1.00.

Perennial flower seeds may be planted throughout the summer but the most popular time is late July and early August. Planting instructions on each packet. Keep this seed book. You may want to order some of these seeds for summer planting.



Pacific Giant Delphiniums.

OLDS' DELPHINIUMS

941. Pacific Giants. Mixed. H. P. A remarkable strain of Delphinium. Flowers are extremely large and well formed, 2 1/2 to 3 1/2 inches in diameter, symmetrically spaced and well balanced on a thin woody stem, practically 100 per cent double. This strain, although probably being the largest strain of Delphinium so far introduced, is also practically mildew resistant. The seed we offer includes many shades of colors including dark blue, violet, lavender, light blue, and white. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.90.

936. Black Knight Series. Pacific Giant. H. P. The darkest of all the Pacific Giant Delphiniums. Individual flowers 2 1/2 inches to 3 inches in diameter. A beautiful round form with heavy velvety texture which gives the color luminosity and vividness not seen before in Delphiniums. Long well formed spikes. Pkt., 50c; 2 pkts., 90c.

937. Galahad Series. Pacific Giant. H. P. Clear white of enormous size averaging 3 inches in diameter of individual flowers with very heavy, glistening texture pyramidal spikes with well spaced flowers. Pkt., 40c; 2 pkts., 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

938. Guinevere Series. Pacific Giants. H. P. Light pink-lavender self with white bee. Individual flowers 2 1/2 inches to 3 inches in diameter. Pkt., 40c; 2 pkts., 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

939. Summer Skies Series. Pacific Giants. H. P. Clear light blue with white bee. Individual florets 2 to 2 1/2 inches in diameter. Ideal for cut flower purposes. Pkt., 40c; 2 pkts., 75c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

940. Astolat Series. H. P. The newest group of Pacific giants in a variety of shades; the unusual and attractive combinations range in color from pale blush, lilac pink, raspberry rose, with brown, fawn, and black bees for contrast. Pkt., 50c; 2 pkts., 90c; 1/8 oz., \$1.65; 1/4 oz., \$3.00.

942. Hollyhock. Strain Mixed. H. P. One of the finest of all types of Delphiniums. The mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.10; 1/2 oz., \$2.00.

DIGITALIS (FOXGLOVE)

958. Giant Shirley Mixed. H. B. Handsome spires of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. See page 40 for color illustration. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 45c; oz., 80c.



Digitalis.



Mayfield Giant Coreopsis.

COREOPSIS

877. *Lanceolata*. H. P. One of the finest hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c; 2 pkts., 15c; ½ oz., 50c; oz., 90c.

HARDY CARNATION

899. *Dwarf Vienna Mixed*. H. P. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 20c; 2 pkts., 35c; ½ oz., 70c; ¼ oz., \$1.25.

DICTAMNUS (Gas Plant)

947. *Fraxinella* H. P. Plant the seed of this perennial in the fall as it is slow to germinate, requiring from 50 to 60 days. A bushy type of perennial with attractive flower spikes of deep pink purple-veined blossoms. It obtains the height of about 3 feet and blooms through May and June. Called gas plant or burning bush as the strong vapor given off by the plant will produce a flash flame when ignited in the cool of the evening when the air is heavy. Pkt., 15c; 2 pkts., 25c; ½ oz., \$1.00.

DORONICUM (Leopards-Bane)

963. *Caucasicum* H. P. Large bright yellow daisy-like flowers on bright green heart-shaped leafy plants which disappear in August. Flowers early in the spring with tulips. A good cut flower. Seed germinates in about 25 days. Pkt., 25c; 2 pkts., 45c; ½ oz., 80c.

DIANTHUS (CLOVE PINK)

957. *Plumarius*. Mixed. H. P. A beautiful hardy perennial single pink with fringed edge flowers in various colors. Pkt., 10c; 2 pkts., 15c; ¼ oz., 65c; ½ oz., \$1.00.



Hardy Gaillardia Grandiflora.

GAILLARDIAS (Blanket Flower.)

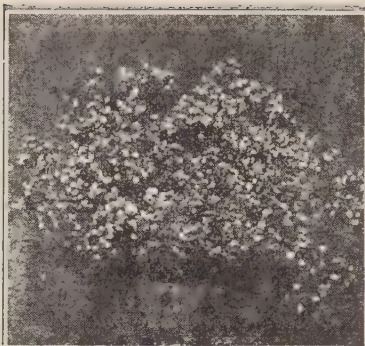
986. *Mixed Grandiflora*. H. P. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c; 2 pkts., 15c; ½ oz., 85c; oz., \$1.50.

982. *Burgundy*. H. P. Shining wine red Gaillardia. Highly recommended. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c.

984. *Dazzler*. H. P. An exceptionally large, dark red with the petal tips of bright orange. The best giant red offered today. Pkt., 15c; 2 pkts., 25c; ¼ oz., 85c.

GERANIUM

987. *Zonale Mixed*. T. P. The popular house and window-box plant. Blooming plants can be grown from seed the first year. Pkt., 20c; 2 pkts., 35c; ½ oz., \$1.00.



Gypsophila (Baby's Breath).

GYP SOPHILA (Baby's Breath.)

989. *Paniculata Alba*. H. P. Single Perennial. The flowers are small, star-like, and borne in feathery sprays. The small white minute flowers used by florists in making bouquets. Can be dried for winter also. Pkt., 10c; 2 pkts., 15c; ½ oz., 75c; oz., \$1.40.

992. *Oldhamiana*. H. P. (Pink Baby's Breath.) A pink variety growing about three feet high. The fragrant pink flowers are about one-fourth inch in diameter. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c; ½ oz., \$1.70.



Heuchera (Coral Bells).

HEUCHERA (Coral Bells.)

998. *Heuchera Splendens*. H. P. From the mound of heart-shaped leaves, tall graceful spikes appear bearing pink flowers in clusters. Excellent for front row of borders and rockeries. Pkt., 25c; 2 pkts., 45c; ¼ oz., \$1.60; ½ oz., \$2.80.

HOLLYHOCKS

1005. *Chater's Double Mixed*. H. B. Stately stalks of velvet bloom. Giant double flowers of red and pink and white. Pkt., 10c; 2 pkts., 15c; ¼ oz., 55c; ½ oz., 90c.

1006. *Triumph Mixed*. H. B. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white margined petals, each adorned with a large blotch of various shades of red. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 85c.

LIL IUM

1020½. *Special Blend*. H. P. A blend of over fifteen desirable varieties including: Auratum, Famosanum, Tenuifolium, Henryi, Regale, Candidum and others. Seed early when soil is cool. Pkt., 25c; 2 pkts., 45c; ½ oz., 75c.



Geranium

IBERIS (Perennial Candytuft)

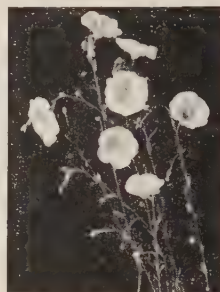
1008. *Sempervirens*. H. P. A beautiful dwarf evergreen plant covered with blooms in late spring and early summer. It grows six to eight inches in height and is covered with snowy white candytuft blossoms. Pkt., 15c; 2 pkts., 25c; ¼ oz., 90c; ½ oz., \$1.70.



Hibiscus.

HIBISCUS (Mallow Marvels)

1002. *Giant Mixed*. H. P. (Peach Blow.) Beautiful large single flowers 3 to 5 inches across on plants 4 to 5 feet high. Sow seed in flats about the last of April to early July. Transplant in September to permanent location. Pkt., 10c; 2 pkts., 15c; ¼ oz., 50c; ½ oz., 90c.



Linum

LINUM (Flax)

1022. *Siberian Blue*. H. P. Pretty sky blue flowers on graceful arching stems. One of the best blue flowers for the perennial border as it blooms continuously in profusion. Height about 2 feet. Pkt., 15c; 2 pkts., 25c; ¼ oz., 70c; ½ oz., \$1.25.

LUPINE

1026. *Russell Mixed*. H. P. A famous English strain of perennial lupine. Stately spikes in many gorgeous shades of self-colors and bicolors on 3½ foot stems. Blooms in late summer. Pkt., 15c; 2 pkts., 25c; ¼ oz., 45c; ½ oz., 75c.

Lupines.

ORIENTAL POPPY

1128. *Red Oriental*. H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. They transplant best in August. See page 40 for color illustration. Pkt., 15c; 2 pkts., 25c; ¼ oz., 70c; ½ oz., \$1.25; oz., \$2.25.

PHLOX

1115. *Decussata Mixed*. H. P. Seed from the newest varieties of perennial phlox. Plant in August. Seed will not usually sprout until spring. Pkt., 20c; 2 pkts., 35c; ¼ oz., \$1.25.

LIATRIS (Kansas Gay Feather)

1021. *Scariosa*. September Glory. H. P. Produces a six foot spike solidly covered with purple flowers; blossoms appear along the stock all at one time. Seed is slow to germinate, requiring about 30 days. Pkt., 25c; 2 pkts., 45c; ¼ oz., 85c; ½ oz., \$1.50.

LATHYRUS

1020. *Perennial Sweet Pea*. Mixed. H. P. Similar to the annual kind but continuing year after year. Shades of pinks and white. Pkt., 20c; 2 pkts., 35c; ¼ oz., 40c; ½ oz., 75c; oz., \$1.40.



Lathyrus



Swiss Giant Prize Mixed Pansies.

OLDS' PANSIES

1075. Swiss Giants, Prize Mixed. P. Enormous blossoms three inches and over in diameter. Perfectly round without overlapping petals borne on long stems above the foliage. Petals are thick and a rich velvety texture. Beautiful combinations of colors. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50; 1/2 oz., \$2.75; oz., \$5.00.

1079. Giant Trimardeau Mixed. P. A choice strain of Pansy. Very large flowers. Does not have the color range of the Giant Prize Mixed. Pkt., 20c; 2 pkts., 35c; 1/8 oz., \$1.15; 1/4 oz., \$2.00; 1/2 oz., \$3.75.

1076. Engelmann's Giants. H. H. P. An English strain of Pansy. See page 39 for color illustration and complete description. Pkt., 25c; 2 pkts., 45c; 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.50; 1/2 oz., \$6.00; oz., \$10.00.

PRIMULA (PRIMROSE)

1135. Japonica Mixed. H. P. Primroses blossom in April and May, and with their brilliant colors they make fine border plantings for long shady paths or in rock gardens. The primrose path is becoming more popular in our American gardens. The Japonica strain has towering spikes ranging from white, rose, pink, crimson, mauve, lavender and bright crimson. Pkt., 25c; 2 pkts., 45c; 1/8 oz., \$1.50.



Platycodon

PLATYCODON (Balloon Flower)

1116. Grandiflorum. H. P. Graceful Campanula-like blooms during June and July. Grows about 2 feet high; with its deep blue flowers, it is very attractive in the border. Pkt., 20c; 2 pkts., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50.

ICELAND POPPY

1129. Gartford Giant Art Shades. H. P. An excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured carried on extremely long, heavy wiry stems up to 30 inches in length. They bloom early in the spring. Pkt., 10c; 2 pkts., 15c; 1/8 oz., 75c.

PENTSTEMON

1081. Hybrid Gloxinoides Mixed. H. P. (Beard Tongue.) A very showy perennial growing about 2 1/2 feet high on rather bushy plants. Long slender spikes bear many trumpet shaped flowers resembling somewhat a Foxglove. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.20.

SWEET WILLIAM

1250. Dianthus Barbatus. H. P. Mixed. Fine border plants growing 18 to 24 inches tall. See page 41 for color illustration. Pkt., 10c; 2 pkts., 15c; 1/2 oz., 65c; oz., \$1.00.



Pyrethrum, Roseum.

PYRETHRUM (PAINTED DAISY)

945. Roseum. H. P. A valuable early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 15c; 2 pkts., 25c; 1/4 oz., \$1.35; 1/2 oz., \$2.50.



SHASTA DAISY

944. Giant Alaska. H. P. A splendid, hardy perennial producing on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. See color illustration page 40. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 40c; 1/2 oz., 65c; oz., \$1.00.



Double Shasta Daisy.

946. Giant Double. H. P. This strain includes an assortment of various types of double flowers ranging from fully double-fringed petals through semi-double to a type which, though single, forms an unusually beautiful shaped flower with laciniated and quilled petals. The large flowers are carried on long, wiry stems. Pkt., 25c; 2 pkts., 45c; 1/4 oz., \$1.50.

SCABIOSA (BLUE BONNET)

1164. Caucasica Hybrids. H. P. The perennial Scabiosa bloom from June to October and require little space and thrive in ordinary soil. The graceful flowers in delicate shades of blue and lavender borne on long and erect stems make very valuable cut flowers throughout the season. Plants grow to 18 inches in height and the lavender shades of flowers are frilled on the edges. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 95c; 1/2 oz., \$1.75.



Stokesia (Stokes' Aster).

STOKESIA (STOKES' ASTER)

1167. Cyanea. H. P. Large rich blue flowers resembling a single Aster. Grows about 18 inches in height, and blooms from late July until October. Seed germinates slowly, requiring about 25 days. Pkt., 10c; 2 pkts., 15c; 1/4 oz., 50c; 1/2 oz., 90c.

STATICE (SEA LAVENDER)

966. Latifolia. H. P. Thick branching plumes of deep blue flowers resembling Baby's Breath. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 75c.

VIOLA

While the Viola Cornutas are biennials they can be grown as annuals by planting in March or April. Very popular because of their free flowering habits and their dwarf spreading growth which make them ideal for front row planting in the border or for small beds.



Violas.

Much superior to Pansies for the northern garden as they bloom profusely all summer and fall and keep their neat, compact form.

1316. Mixed. H. B. A blending of choice cornuta type varieties. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 90c; 1/2 oz., \$1.70.

VALERIANA (GARDEN HELIOTROPE)

1314. Coccinea. H. P. Produces showy heads of rose tinted white flowers during June and July. Grown primarily for its delicious strong Heliotrope odor. Plants average 3 to 4 feet in height. Prefers a moist location. Pkt., 15c; 2 pkts., 25c; 1/4 oz., 60c.



Valeriana (Garden Heliotrope).



The Kind of Turf Old's Lawn Grass Mixtures Produce.

Olds' Lawn Grass Mixtures

(Sow four pounds to 1,000 square feet)

Good seed is a major requisite for a beautiful lawn. Regardless of the effort and money spent on a lawn, poor seed will produce an inferior turf. Olds' Lawn Grass Seed has won a reputation for producing exceptionally fine lawns and is widely used by critical landscape gardeners. All our mixtures are made of high-quality, re-cleaned heavy seed that is free from chaff, and none of our mixtures contain hay seed such as timothy or cheap seeds. High prices are not a guarantee of quality. Check the label when you buy and make sure you get what you pay for.

MADISON PARKS LAWN GRASS

A very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Chewings' Fescue, Fanny Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportion.

By mail: Lb., \$1.35; 5 lbs., \$6.25, postpaid; 10 lbs. or more, \$1.00 lb., plus postage.

MERION LAWN GRASS

Our finest Lawn Grass mixture. Merion Blue Grass is considered the finest, permanent, perennial lawn grass available today. The demand for seed has exceeded the supply and because of the scarcity of seed it was not used to any extent in mixtures. We are pleased to add to our list of fine lawn mixtures, our Merion Lawn Grass containing 50 per cent Merion Blue Grass with other perennial grasses including Red Top, Creeping Red Fescue and Rye Grass in proper proportions. One pound of this mixture is sufficient for 400 square feet. For further information on Merion Blue Grass see description below.

By mail: Lb., \$2.60; 5 lbs., \$12.50, postpaid; 10 lbs. or more, \$2.20 per pound plus postage.

Merion or 27 Blue Grass

A superior strain of blue grass produced from a single plant found growing on a tee in the Merion Country Club near Philadelphia. The plant was green when blue grass around it was brown. It had a thick, strong growth and stood close mowing without harm. Seed propagated from this plant was sent all over the country for testing, and it proved to retain its superior quality. It requires less seed per given area (about 1 lb. to 750 square feet) because of its stocky and spreading growth. Price, by mail: Lb., \$5.00; 5 lbs., \$24.50, postpaid; 10 lbs., \$43.00, plus postage.

Fancy Kentucky Blue Grass

Blue Grass is the foundation grass for all lawns, as well as for permanent pastures. Our seed is fancy re-cleaned 21 lb. seed. Order early, seed is scarce. By mail: Lb., \$1.50; 5 lbs., \$7.25, postpaid; 10 lbs., \$12.00, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$115.00.

Highland Bent Grass

A strain of Colonial Bent that is better for lawns than the old South German Mixed Bent or Creeping Bent as it can be grown from seed, and is less subject to brown patch and more easily cared for. The Colonial types of Bent are widely used in lawn mixtures. Prices, Certified Seed. By mail: Lb., \$1.25; 5 lbs., \$6.00, postpaid; 10 lbs., \$9.65, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$93.50.

Chewings' Fescue

A very fine pure strain of Fescue. Grows well on poor, dry soils. Spreads by roots under ground. Recommended for terraces. Grown in New Zealand. By mail: Lb., 90c; 5 lbs., \$4.25, postpaid; 10 lbs., \$5.80, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$55.00.

Alta Fescue

One of the best grasses for athletic fields. The outstanding qualities of the grass are high yields of palatable forage, a long growing season, deep roots to allow the plants to utilize deep sub-soil moisture for green growth throughout the summer, and long life. It will grow well on wet soil even when poorly drained, but also will endure drought. Should be pastured when the leaves are young and succulent. Because of its extensive root system it has the ability to prevent soil erosion in water ways and to form a dense turf on banks. Easily eradicated by plowing. Sow 15 pounds an acre with other legumes such as Ladino clover. By mail: Lb., 55c; 5 lbs., \$2.50, postpaid; 10 lbs., \$3.20, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$29.00.

Meadow Fescue

A short-lived hardy perennial grass used primarily in pasture mixtures at the rate of 20 to 30% of the mixture. Stands close grazing and will do well on moist soil. Comes early in the Spring. By mail: Lb., 85c; 5 lbs., \$4.00, postpaid; 10 lbs., \$5.30, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$50.00.

Creeping Red Fescue

This grass is valuable on sandy soils and in the shade. It is a perennial grass spreading by the roots making a dense turf which tends to crowd out weeds. One of the grasses used in Shady Lawn mixtures. Also used in shady pastures at 30 pounds of seed an acre. By mail: Lb., 85c; 5 lbs., \$4.00, postpaid; 10 lbs., \$5.30, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$50.00.

Rough Stalk Meadow

Poa Trivialis or Rough Stalk Meadow grows exceedingly well in the shade. It is widely used in shady lawn grass mixtures, and we recommend it for shady lawns. By mail: Lb., \$1.15; 5 lbs., \$5.50, postpaid; 10 lbs., \$8.40, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$81.00.

CAPITAL LAWN GRASS

Capital Lawn Grass is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., \$1.25; 5 lbs., \$5.75, postpaid; 10 lbs. or more, 90c lb., plus postage.

WISCONSIN SHADY LAWN GRASS

A fine mixture that has proven wonderfully successful in dense shade. Contains a high percentage of Poa-Trivialis and Fescue which are especially adapted to shaded locations. There is an increasing demand for this lawn grass. We recommend this for shady places. Shade Grasses do best if planted in the early fall.

By mail: Lb., \$1.30; 5 lbs., \$6.00, postpaid; 10 lbs. or more, 95c lb., plus postage.

ATHLETIC FIELD MIXTURE

This mixture is composed of special grasses that have proven their ability to withstand abuse, drought, and the minimum of attention. Alta Fescue, Red Fescue, and Kentucky Blue Grass are used in this mixture in proper proportion.

By mail: Lb., \$1.05; 5 lbs., \$4.75, postpaid; 10 lbs. or more, 70c lb., plus postage.

LAKES LAWN GRASS

A fine mixture at a low price. We have been making it for years. Contains Blue Grass, Red Top and Rye Grass. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., \$1.15; 5 lbs., \$5.25, postpaid; 10 lbs. or more, 85c lb., plus postage.

Orchard Grass

A long lived perennial which does fine in partial shade and upon wood lands. Its principal use is for hay and pasture under shady conditions. It withstands drought and grazing and will furnish pasture from early spring until fall. Sow 20 to 28 pounds to an acre. By mail: Lb., 80c; 5 lbs., \$3.75, postpaid; 10 lbs., \$4.80, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$45.00.

Fancy Red Top

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. It not only succeeds on dry land but is also adapted to moist soils. For pasture sow 6 to 8 pounds to acre.

Fancy Solid Seed. (Re-cleaned, free from chaff.) By mail: Lb., \$1.35; 5 lbs., \$6.50, postpaid; 10 lbs., \$9.60, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$93.00.

American-Grown Rye Grass

Much cheaper than the European-grown rye grass. Used in lawn mixtures as a nurse crop. Also good for pastures and meadows. By mail: Lb., 50c; 5 lbs., \$2.25, postpaid; 10 lbs., \$2.00, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$17.00.

Perennial Rye Grass

English or Perennial Rye Grass is a quick growing lawn grass, and is usually used where rapid results are desired. Requires about 5 to 7 pounds of seed for a thousand square feet of lawn, and 30 to 40 pounds per acre for pasture. By mail: Lb., 60c; 5 lbs., \$2.75, postpaid; 10 lbs., \$2.90, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$26.00.

Farm Grasses

Hay and pasture grasses are described and priced on page 65.

OLDS' FIELD SEEDS

OLDS' SEEDS have been known for their reliability for over 67 years. We are proud of our stocks and believe that there are none better. Our Old Gold Brand seeds represent the best grade obtainable as it is the finest that nature can produce. When you buy your field seeds, insist upon Old Gold Brand seeds. Dependable dealers throughout the north central states handle our seeds. If your dealer cannot supply you with our seeds, send us your order direct, or if you live within driving distance visit our retail store and save transportation costs. The prices quoted were based on market value at the time this book went to press, and are strictly subject to change. We furnish sacks and bags free on all field seed orders unless otherwise noted. Prices are f. o. b. Madison unless otherwise quoted. Add postage if wanted by mail.



A fine field of Wisconsin Alfalfa.

OLDS' ALFALFA SEED

(Sow 12 to 15 pounds to the acre.) Bu. = 60 lbs.

CERTIFIED VERNAL ALFALFA

Vernal is a new variety of Alfalfa offered to dealers and farmers for the first time this year. This new variety is the result of research and plant breeding over the last 20 years. It was developed at the Wisconsin Agricultural Experiment Station here at Madison by Doctors R. A. Brink and L. F. Graber in cooperation with the U. S. Department of Agriculture and was officially released in February 1953.

Vernal has a broad genetic base, its germ-plasm being derived from many selections of highly bacterial wilt-resistant Alfalfas from the best common varieties and from a wild yellow flowering Alfalfa. Vernal is a broad crowned variety with the tap root having many branches. Blossoms are variegated in color. It is the most outstanding Alfalfa that has ever been produced. Vernal is the most wilt-resistant and most hardy of all Alfalfas. It has a darker green color than Ranger or Buffalo, and retains the color for a longer period of time due to its tolerance of foliar diseases and adverse growing conditions. It is finer stemmed than Ranger, producing the finest quality of hay. In Wisconsin trials, Vernal has performed excellent and we feel it will fill the need for a winter-hardy and disease-resistant Alfalfa for Wisconsin and surrounding States.

Our stock of Vernal is all Blue Tag Certified California grown. Being a new variety, stocks are very limited so, if you are interested, order at once.

Prices: Certified Seed, Old Gold Brand: Lb., \$1.05; 5 lb., \$4.75; postpaid; pk., \$11.55, plus postage; by freight or express, f. o. b. Madison, Bu., \$45.00.

CERTIFIED COSSACK ALFALFA

A very hardy type of alfalfa introduced from Siberia. It is a cold and drought-resistant alfalfa and a heavy yielder. Seems to do better on heavy clay soil than the other types. The most important feature of Cossack Alfalfa is its resistance to alfalfa wilt.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.00, postpaid; pk., \$9.30, plus postage. By freight or express, f. o. b. Madison: Bu., \$36.00; 3 bu. at \$35.90 a bu.

CERTIFIED GRIMM ALFALFA

Grimm Alfalfa is well known as a hardy Alfalfa. It is usually distinguishable from Common Alfalfa as the blossoms are variegated in color, yellow, green, blue, brown instead of purple. The root system is branching and the crown of the plant is usually set lower. All our Grimm seed is "State Sealed and Certified."

Certified Northern Grimm Alfalfa is produced in the northern states which include Idaho, Montana, Wyoming and the Dakotas. Climatic conditions are very severe in these states. Therefore, they are of equal hardiness. All Certified Seed is premium seed, 99.25 purity and 90 germination or better.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.00, postpaid; pk., \$9.30, plus postage. By freight or express, f. o. b. Madison: Bu., \$36.00; 3 bu. at \$35.90 a bu.

CERTIFIED RANGER ALFALFA

A bacterial wilt-resistant alfalfa developed through the cooperative efforts of the Nebraska Agricultural Experiment Station and the United States Department of Agriculture. It is a multiple strain variety, having been synthesized from selections originating from Cossack, Turkistan, and Ladak. It exhibits considerable variability, both in habit of growth and flower color, being distinctly variegated in the latter. It has greater rapidity of recovery after cutting than Ladak or Cossack, being about the same as Grimm in this respect. It is equal in forage production, and cold resistance to Grimm. Prices: Certified Seed, Old Gold Brand: Lb., 90c; 5 lbs., \$4.00, postpaid; pk., \$9.30, plus postage. By freight or express, f. o. b. Madison: Bu., \$36.00; 3 bu. at \$35.90 a bu.

CERTIFIED LADAK ALFALFA

In 1910, Experiment Stations in the northern plains states received samples of alfalfa seed from northern India produced at an altitude of 12,000 feet where the rainfall is about four inches a year and blizzards occur throughout the season. These plantings proved it to be very drought-resistant and tolerant to bacteria wilt. The plant is fine stemmed and leafy producing a fine quality hay.

Prices, Old Gold Brand: Lb., 90c; 5 lbs., \$4.00, postpaid; pk., \$9.30, plus postage. By freight or express, f. o. b. Madison: Bu., \$36.00; 3 bu. at \$35.90 a bu.

HARDY DAKOTA ALFALFA

Our Hardy Dakota is all dry land seed. The unusual hardness of our Black Hills Dakota seed is no doubt largely due to the fact that it is produced on dry soil where climatic conditions are very severe.

Prices, Old Gold Brand: Lb., 85c; 5 lbs., \$3.75, postpaid; pk., \$8.25, plus postage. By freight or express, f. o. b. Madison: Bu., \$31.80; 3 bu. at \$31.70 a bu.

HARDY IDAHO ALFALFA

Idaho Grown Alfalfa Seed is hardy in the North, and is as desirable as Dakota and Montana seed. Our stock is bright, high testing seed, all "Verified Origin."

Prices, Old Gold Brand: Lb., 85c; 5 lbs., \$3.75, postpaid. By freight or express, f. o. b. Madison: Pk., \$8.25; bu., \$31.80; 3 bu. at \$31.70 a bu.

ALFALFA SEED FOR TEA

In recent years we have received many requests for cleaned untreated alfalfa seed for use in making tea which is made by placing 3 tablespoons of alfalfa seed in 1 quart of water and boiling slowly for 15 minutes. It is then strained into a quart receptacle and kept in the refrigerator for use as needed. Honey may be used for sweetening.

We offer our customers fancy untreated cleaned alfalfa seed, 99.50 purity or better, suitable for the making of alfalfa seed tea. Prices, Olds' T Brand Alfalfa Seed: Lb., \$1.10; 5 lbs., \$3.00, postpaid.

SUPPLIES OF FARM SEEDS

All Clover and Certified Northern Alfalfa seeds are very scarce and high priced this year. Because of bad weather at harvest time, Red Clover was less than a half crop. With no imports from Canada and a very heavy demand for export trade, stocks of all legume seeds are in a very short supply.

The Timothy and Red Top crops were very small also and seed is now very scarce.

Kentucky Blue Grass and Fescues are more plentiful than last year and are lower in price.

We urge our customers to order seeds at once while stocks are available; later in the season there may not be enough to meet the demand.

VERIFIED ORIGIN SEED

We are verified origin seed dealers; therefore, all our common and hardy northern Alfalfa seeds will be U.S. verified as to origin, which indicates the State in which it is grown.

"Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown. All our alfalfa seed is put up in bushel sacks.

HARDY MONTANA ALFALFA

Montana Alfalfa for many years has had the reputation of being one of the hardiest of all common alfalfas grown in the United States. Our stock is all bright, clean seed of fine quality.

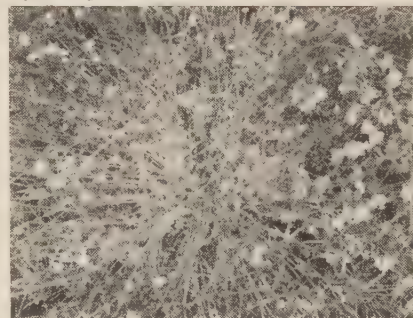
Prices, Old Gold Brand: Lb., 85c; 5 lbs., \$3.75, postpaid; pk., \$8.45, plus postage. By freight or express f. o. b. Madison: Bu., \$32.70; 3 bu. at \$32.60 a bu.

FANCY KANSAS ALFALFA

Kansas Alfalfa has proved itself very desirable for Wisconsin. At the Wisconsin Experiment Station they place it next to Montana and Dakota for hardness. Our seed is beautiful bright seed. Prices, Old Gold Brand: Lb., 80c; 5 lbs., \$3.50, postpaid; pk., \$7.80, plus postage. By freight or express, f. o. b. Madison: Bu., \$30.00; 3 bu. at \$29.90 per bu.

FANCY WASHINGTON ALFALFA

Produced in the eastern part of the state of Washington and is considered a northern alfalfa. In recent years Washington has become a large producer of alfalfa seed. Trials to date would indicate it equal to Kansas alfalfa in hardness. We would recommend it as a desirable alfalfa in your crop rotation plan and in mixtures with Brome Grass and Ladino Clover. Prices, Old Gold Brand: Lb., 80c; 5 lbs., \$3.50, postpaid; pk., \$7.95, plus postage. By freight or express, f. o. b. Madison: Bu., \$30.60; 3 bu. at \$30.50 per bu.



A plant of Birdsfoot Trefoil.

BIRDSFOOT TREFOIL

BROAD LEAF Birdsfoot Trefoil is a long lived perennial with a well developed branching tap-like root with a few to many stems developing from each crown. The plants for the most part are erect or ascending, and attain the height of 12 to 30 inches. Stems are comparatively slender, branched to some extent and are moderately leafy. Each leaf has three leaflets borne at the end of a short petiole and has clover-like appearance. In eastern New York and Western Oregon it has become naturalized and is proving valuable for forage and pasture. It is also grown as a mixture with other grasses. Plant alone for seed at the rate of 8 to 12 pounds per acre, and in grass mixtures at the rate of one pound. Prices: Lb., 85c; 5 lbs., \$3.75, postpaid; pk., \$8.45, plus postage. By freight or express, f. o. b. Madison: Bu., \$32.70; 3 bu. at \$32.60 a bu.

Please Note: Postage table for figuring postage on items priced, plus postage will be found on the order blank.

OLDS' CLOVER SEED

OLDS' HARDY NORTHERN GROWN

SOW TESTED CLEAN SEED

If you want the maximum returns from your land, do not plant country run clover seed or seed supplied you from a neighbor that has not been tested and cleaned. This is the way foul weeds are introduced to your land. Seed containing only 75% pure clean seed is an extravagant buy even if the price is one-half that of good clean seed showing a purity of 99% or better. All the seed that we have to offer is Hardy Northern grown, mostly Wisconsin. It is fine bright seed, plump and high testing. Plant seed that you can depend upon. Insist on having Olds' Old Gold Brand "Known for Reliability" Clover Seed.

Our Old Gold Brand represents the best and tests around 99.5% pure. Our Lakes Brand is fine clean seed, free of noxious weeds, but does not show as high a purity test. It usually runs 98% and higher. A pk. of clover weighs 15 lbs., a bu. 60 lbs.

ALSIKE CLOVER (NORTHERN GROWN)

(Sow 5 to 6 pounds to the acre.)

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding. Our Alsike is northern Wisconsin and Minnesota grown.

Prices, Old Gold Brand (98% purity or better): By mail, lb., 75c; 5 lbs., \$3.25, postpaid; pk., \$7.00, plus postage. By freight or express f. o. b. Madison: Bu. (60 lbs.), \$26.70; 3 bu. at \$26.60 per bu. Sacks free.

Lakes Brand, 97% purity or better. Contains some White Dutch clover and timothy. Excellent for pastures. Prices: Pk., \$6.90, plus postage; by freight or express f. o. b. Madison: Bu., \$26.10; 3 bu. at \$26.00 a bu. Sacks free.

ALSIKE AND WHITE DUTCH CLOVER

Contains about 10% White Dutch Clover which is ideal for pastures. Seed is good quality, weed free. Prices: by mail, lb., 70c; 5 lbs., \$3.00, postpaid; pk., (15 lbs.), \$6.60, plus postage. Prices by freight f. o. b. Madison, bu., \$25.00; 3 bu. at \$24.90 per bu. Sacks free.

LADINO CLOVER

A perennial giant form of White Dutch Clover which spreads by surface runners that root at the joints. The main branch of the runners lies flat on the ground, but the leafy stalks grow from 15 to 24 inches tall. Should not be grown alone except for seed purposes. Excellent on lowlands in mixtures with other clovers or grasses in pastures. Sow seed at the rate of 3 to 4 lbs. per acre, depending upon type of soil. It does well on moist land and for lowland pastures we recommend a mixture of 2 lbs. Ladino Clover, 3 lbs. Medium Clover and 8 lbs. Brome Grass. On upland, 8 lbs. Alfalfa, 3 lbs. Red Clover, 1 lb. Ladino Clover and 8 lbs. Brome Grass.

Prices, Certified, by mail: 1 lb., \$1.10; 5 lbs., \$5.00, postpaid, 10 lbs., \$8.40, plus postage. By freight of express f. o. b. Madison: Bu., \$46.65; 3 bu. at \$46.55 a bu.

MEDIUM RED CLOVER

(Sow 8 to 10 lbs. to the acre.)

(WISCONSIN GROWN.)

Red Clover is the most largely grown and generally useful legume crop in America. In feeding value, the hay ranks next to alfalfa and as a soil builder it is the equal of any and superior to most. It should be grown on every farm where soil and climatic conditions permit as it is well adapted to growing in rotation. Red Clover is grown chiefly for hay and occasionally for pasture to plow under to improve the soil. It is a biennial and will last for two seasons under good conditions. Requires a medium fertile to rich sweet soil with good drainage.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, lb., \$1.00; 5 lbs., \$4.50, postpaid; pk., \$11.10, plus postage. By freight or express f. o. b. Madison: Bu. (60 lbs.), \$43.30; 3 bu. at \$43.20 per bu. Sacks free.

Lakes Brand (99% Purity Standard Seed) by freight or express f. o. b. Madison: Pk., \$10.95, plus postage; bu., \$42.70; 3 bu. at \$42.60 per bu. Sacks free.

MAMMOTH CLOVER

(Sow 8 to 10 lbs. to the acre)

(WISCONSIN GROWN)

Resembles medium, but larger. Best for pasture and fertilizer. Our Mammoth is northern grown. Makes good hay if cut early. Ripens later than medium and makes only one crop.

Prices, Old Gold Brand (99.25 Purity Premium Seed): By mail, lb., \$1.00; 5 lbs., \$4.50, postpaid; pk., \$11.10, plus postage. By freight or express f. o. b. Madison: Bu., \$43.30; 3 bu. at \$43.20 per bu. Sacks free.

Lakes Brand (99% Purity Standard Seed) by freight or express f. o. b. Madison: Pk., \$10.95, plus postage; bu., \$42.70; 3 bu. at \$42.60 per bu. Sacks free.

WHITE DUTCH CLOVER

(WISCONSIN GROWN)

Widely used in lawn mixtures for it helps to keep the lawn green during hot, dry weather. Also used in pastures. Our stock is Wisconsin grown, very fancy seed.

Prices, Old Gold Brand: By mail, 1/2 lb., 75c; lb., \$1.35; 5 lbs., \$6.25, postpaid; 1/2 pk., \$8.35; pk., \$16.20, plus postage. By freight or express f. o. b. Madison: Bu. (60 lbs.), \$63.00. Containers free.

Lakes Brand, 95% pure, containing some alsike. 1/2 pk., \$7.95, plus postage; pk., \$15.45, plus postage. By freight or express f. o. b. Madison: Bu., \$60.00.

LESPEDeza

(The Annual Wonder Clover)

KOREAN. A very valuable crop for the middle section of the country. Grows to perfection in Missouri, the southern half of Illinois and similar latitudes. Produces splendid pasture all summer and fall and is also a great hay crop. Is worth trying in Wisconsin and other northern states. Sow 15 to 20 pounds per acre.

Prices, Old Gold Brand, by mail: Lb., 60c; 5 lbs., \$2.50, postpaid; 10 lbs., \$3.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$31.15.

OLDS' FLAX

(Sow 50 to 75 pounds to the acre.)

Flax is a cool weather crop grown in the northern states. It is used mostly for its fibre and also for its seed which is ground and included in feed. When grown for fibre, moist or under-drained and fairly rich loam is required. When produced for seed less fertile soil and moisture are required.

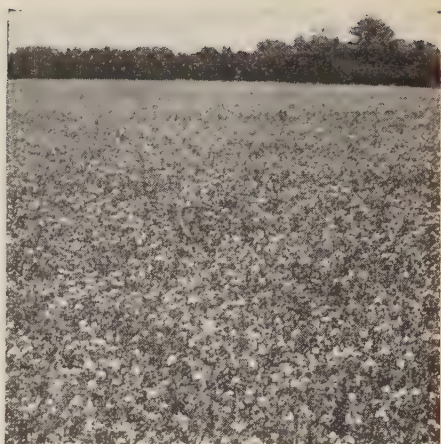
REDSON

Redson is a variety of flax which was approved for certified seed production by the Wisconsin College of Agriculture and the Wisconsin Experiment Association. It has special merit with respect to yield and quantity of oil. In tests in Wisconsin and a number of neighboring states, it has averaged higher in acre yield in most places than the best of the old varieties. It has a strong plant and matures early. Very resistant to the wilt disease.

REDSON prices by mail: Lb., 45c; 5 lbs., \$2.00, postpaid; pk., \$2.10, plus postage. By freight or express f. o. b. Madison: Bu. (56 lbs.), \$6.35; 3 bu. at \$6.25 per bu. Bags free.

COMMON. Good, clean, bright seed. Recommended for growing on soils that have not previously grown a crop of flax.

Prices, by mail: Lb., 45c; 5 lbs., \$2.00, postpaid; pk., \$2.00, plus postage. By freight or express f. o. b. Madison: Bu. (56 lbs.), \$6.10; 3 bu. at \$6.00 per bu. Bags free.



A Beautiful Field of Pure Medium Red Clover.

SWEET CLOVERS

In the corn belt and great plain states, Sweet Clover occupies a very prominent place among the Legumes for forage and soil improvement, and is also used for a temporary pasture and for hay. It is resistant to cold and drought, will thrive on soil which is too high in alkali for alfalfa. Grows almost anywhere where the rainfall is adequate and the soil is not sour. Sweet Clover is best sown in the Spring with 1 bushel of early Oats or Barley per acre as a nurse crop. It may be sown in June or July without a nurse crop or in corn at the last cultivation. 15 lbs. of seed an acre is usually sufficient.

TALL WHITE BLOSSOM

Probably the best to use as a hay crop in the year sown or for pasture use. Matures a trifle later than the Yellow and produces a heavier yield the first year. Also used for soil improvement. Prices: Old Gold Brand, by mail, Lb., 55c; 5 lbs., \$2.25, postpaid; pk. (15 lbs.), \$4.05, plus postage. By freight or express f. o. b. Madison: Bu., \$14.70; 3 bu. at \$14.60 per bu.

YELLOW BLOSSOM

Superior to White for Summer sowing and for establishing itself in dry seasons or in dry climates. It does not make as much top growth as the White the first year but makes more root growth. The second year it will bloom about two weeks earlier than the White and will mature seed much more uniformly and usually a larger seed crop. Prices: Old Gold Brand, by mail, Lb., 50c; 5 lbs., \$2.00, postpaid; pk. (15 lbs.), \$3.75, plus postage. By freight or express f. o. b. Madison, bu., \$13.35; 3 bu. at \$13.25 per bu.

GRUNDY COUNTY WHITE BLOSSOM

An early maturing shorter strain of White Sweet Clover. Not the equal of Yellow or Tall White for soil improvement. It matures earlier and produces a heavy seed crop and is better for seed production. Prices: Old Gold Brand, by mail, Lb., 55c; 5 lbs., \$2.25, postpaid; pk. (15 lbs.), \$4.05, plus postage. By freight or express f. o. b. Madison, bu., \$14.70; 3 bu. at \$14.60 per bu.

ANNUAL HUBAM

Introduced by the Iowa Agricultural Experiment Station as an annual form of biennial White Sweet Clover. In the southwestern states, it is popular as a Winter annual soil improvement Legume, and in the North as a honey crop as it continues to blossom most of the Summer. Prices: Old Gold Brand, by mail, Lb., 60c; 5 lbs., \$2.50, postpaid; pk. (15 lbs.), \$4.90, plus postage. By freight or express f. o. b. Madison, bu., \$19.30; 3 bu. at \$19.20 per bu.

NITRAGIN FOR CLOVERS AND ALFALFA

You will get a larger crop and enrich your soil if you treat your seed with Nitratin. See page 75.

SUNFLOWER

MAMMOTH RUSSIAN. A great feed for poultry and hogs. Also grown quite largely now for silage and for sheep pasture. It makes a much larger amount of feed than ensilage corn. Popular as a winter bird feed.

Prices, by mail: Oz., 10c; 1/4 lb., 20c; 1/2 lb., 35c; lb., 60c; 5 lbs., \$2.75, postpaid; 10 lbs., \$3.00, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$27.00. Sacks free.

DAKOTA SUNFLOWER. Has a darker color seed and not as large as the Russian. A heavy yielder and makes excellent feed. Prices, by mail: Lb., 50c; 5 lbs., \$2.25, postpaid; 10 lbs., \$2.20, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$19.00. Sacks free.



A field of Ladino Clover.

OLDS' WISCONSIN CERTIFIED HYBRID CORN

8 REASONS WHY YOU SHOULD PLANT WISCONSIN CERTIFIED W BRAND SEED CORN

All hybrids we offer are produced from inbreds developed by experimental station plant breeders. They include inbreds of outstanding merit by Wisconsin and other State Experiment Stations and the U. S. Department of Agriculture. Here are some of the outstanding features of Wisconsin Hybrids.

1. Cold tolerance for good stands and vigorous seedling growth.
2. Wide range of maturities to fit different climatic and soil conditions.
3. Standability and stock rot resistance.
4. Good quality and high yield of silage.
5. Satisfactory husking qualities.
6. High yield of sound ears that keep well in the crib.
7. Solid ears with small cobs and deep kernels giving high shelling percentage.
8. Wisconsin Certified: Wisconsin field inspected and laboratory tested by Wisconsin official state seed certification service, to insure pure strains and high quality of seed.

DO YOU KNOW?

97% of all the corn grown in Wisconsin is now hybrid. It has increased the corn yield for Wisconsin farmers by millions of bushels. For a ten-year period from 1931 to 1940, before hybrid was introduced, the average yield throughout Wisconsin was 32.2 bushels per acre. From 1941 to 1950, the first years that hybrids were offered, the yield was 43.7 per bushel per acre. In 1952, 58 bushel per acre, and 1953, 58.5 bushel per acre, which was the highest average yield of any state.



Wisconsin Hybrid Seed Corn Field
WISCONSIN CERTIFIED 88-DAY HYBRID NO. 283

A modified three way hybrid just a little later than W 270. Has the best stock quality of any other strain of comparable maturity and the ear and field appearance is excellent. Easy husking.

Wisconsin Certified W Brand Graded Flats: 1/2 pk. (7 lbs.), \$1.65, plus postage; pk. (14 lbs.), \$3.15, plus postage; bu., \$9.50; 3 bu. at \$9.40 per bu., f. o. b. Madison.

WISCONSIN CERTIFIED 90-DAY HYBRIDS NO. W355 AND W355A

Probably the best known and most extensively grown hybrids of 90-day maturity. They have a wide range of soil adaptation and a good cold tolerance in the Spring. Ears medium long and large, producing a high yield of excellent quality grain. Stocks are medium tall. W355A is slightly later.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

Medium or Large Rounds: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

WISCONSIN CERTIFIED 90-DAY HYBRID—NO. W335

The ears of No. W335 are variable yellow to red color, resulting from the crossing of a north-western dent single cross as seed parent and a yellow dent single cross as pollen parent. For silage this variety outyields all others of the same maturity and for grain equal any 90 Day.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

Medium and Large Rounds of W355 and W335: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

WISCONSIN CERTIFIED 95-DAY HYBRIDS NO. W341A-W416AA

No. 341A has better stock rot resistance than other hybrids of same maturity and very good Spring cold tolerance. Yields about the same as No. W355. Good field appearance plus husks easily. W416AA is a new heavier yielding hybrid related to the old W416. Longer and more slender ears. Husks easily and stands up well. Resists stock rot.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

Medium and Large Rounds: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

WISCONSIN CERTIFIED 100-DAY HYBRID NO. W464A

A good high yielding yellow dent which is quick maturing, showy, and easily husked. Ears are long, medium slender, drooping, with broad kernels of good depth. Sturdy stalks medium tall. Good keeping qualities.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

Medium and Large Rounds: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

LOOK FOR THE Big Red W It is your protection

This is the official trademark identifying Wisconsin Hybrid Seed Corn. It guarantees that the seed was produced directly from Foundation Seed Stocks supplied new each year by the Wisconsin College of Agriculture... that it was field inspected, laboratory tested, tagged and sealed by the Wisconsin Agricultural Experiment Association.



WISCONSIN CERTIFIED 105-DAY HYBRID—NO. W525A

105-day Hybrids are very popular in south-central Wisconsin, outyielding the earlier maturing hybrids.

A new hybrid related to the popular W525. It is earlier and higher yielding. Good field appearance and standability. Ears are medium long with small shanks and they husk cleanly and easily. Excellent quality grain.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

Medium or Large Rounds: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

WISCONSIN CERTIFIED 110-DAY HYBRID—NO. W575

For southern Wisconsin, Minnesota, and northern Illinois, Iowa, and Michigan, the 110-day hybrid is probably the most popular.

Replaces W595 as it is shorter with lower ear placement. Earlier and higher yielding. The medium large ears are rather thick and husk well. Quality of grain is excellent.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

WISCONSIN CERTIFIED 115-DAY HYBRID—NO. W641AA

Recommended for growing in southern Wisconsin and for a silage Corn in central Wisconsin. An outstanding hybrid. One of the heaviest yielding Hybrids, growing a stalk nine to ten feet high. The handsome large ears with loose husks are well filled with deep yellow kernels. Has good cold tolerance and is easy husking.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

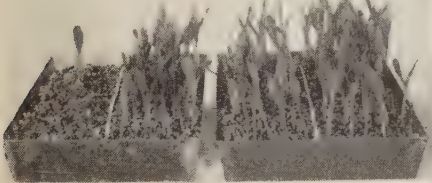
Medium and Large Rounds: 1/2 pk., \$1.25, plus postage; pk., \$2.30, plus postage; bu., \$7.00; 3 bu. at \$6.90 per bu.

WISCONSIN CERTIFIED 120-DAY HYBRID—NO. W692

The 120-day Hybrid is the heaviest yielding of all the Hybrids. Stalks grow to nine to ten feet in height, well supplied with heavy leaves and strong heavy roots. Each stalk will produce a thick handsome ear, well filled with deep heavy yellow kernels. In southwestern Wisconsin, Illinois, and Iowa, and similar latitudes where late maturing Corn can be grown, we highly recommend this Hybrid and in other sections for silage.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.60, plus postage; pk., \$3.00, plus postage; bu., \$9.00; 3 bu. at \$8.90 per bu.

POSTPAID HYBRID CORN PRICES: Prices quoted on hybrid corn are for shipment, express or freight, f. o. b. Madison. If just a small amount is wanted we will ship any variety of hybrid by parcel post at the following prices: 1 lb., 55c; 3 lbs., \$1.50; 7 lbs. (enough for one acre), \$3.00, postpaid.



Wisconsin Hybrid Seed Corn is bred for cold tolerance. The trays of sprouted seed show the extreme differences in cold tolerance between hybrids when germinated in soil at 50° F. 14 days.

WISCONSIN CERTIFIED 80-DAY HYBRIDS NO. W240 AND W255

W240 is a very early Flint-Dent Hybrid. Medium size ears, and kernels semi-flinty. Produces good yields of grain and silage in the extreme northern belt. No. 255 is slightly later. The ears are good size with deep kernels, and a very small cob, giving high shelling percentage. Yields good grain and silage in the northern zone.

Wisconsin Certified W Brand Graded Flats: 1/2 pk., \$1.65, plus postage; pk., \$3.15, plus postage; bu., \$9.50; 3 bu. at \$9.40 per bu.

Medium and Large Rounds of No. 255: 1/2 pk., \$1.35; pk., \$2.50; bu., \$7.50; 3 bu. at \$7.40 per bu.

WISCONSIN CERTIFIED 85-DAY HYBRID NO. 270

Similar to the old W275 but it has much better husking qualities and very good field appearance. It has rather long ear shanks and if left standing in the field too late in the Fall the ears have a tendency to break down. In tests at the Spooner Station in 1952, it yielded 91.3 bu. per acre compared to 82.2 bu. per acre for the W275.

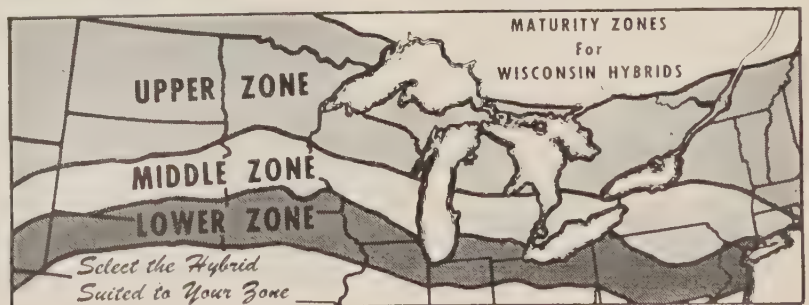
Wisconsin Certified W Brand Graded Flats: 1/2 pk. (7 lbs.), \$1.65, plus postage; pk. (14 lbs.), \$3.15, plus postage; bu., \$9.50; 3 bu. at \$9.40 per bu., f. o. b. Madison.

PLEASE NOTE: The maturity date given is from the time the corn comes through the ground until it dents and is out of danger of frost.

RECOMMENDED HYBRIDS FOR EACH ZONE

Wisconsin W Brand Hybrids produced from foundation stock supplied by the Wisconsin College of Agriculture are very popular in the northern states as well as Canada and to help our out-of-state customers select the proper hybrids for their locality, we are showing here a zone chart. Remember these divisions overlap. If your farm is located near a zone boundary you can safely plant varieties from the adjoining zone. For silage it is recommended that you choose a later variety than for grain.

UPPER ZONE: W240; W255; W270; W283; W355; W355A; W341A; W355; W416AA.
MIDDLE ZONE: W464A; W525A; W575.
LOWER ZONE: W641AA; W692.



OPEN POLLINATED SEED CORN

WISCONSIN CERTIFIED W BRAND CORN.

The Wisconsin Experiment Association certifies stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. Corn is sealed and tagged with the RED W TAG in bushel sacks. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 95 per cent germination.

WISCONSIN. This is all high testing Wisconsin Grown Corn but is not State Sealed or Certified.

NEBRASKA. This is high testing seed grown for us in Nebraska.

Please Note: Wisconsin Certified W Brand seed is shipped in bushel sacks only. Other corn in any quantity. Bags and sacks are free.

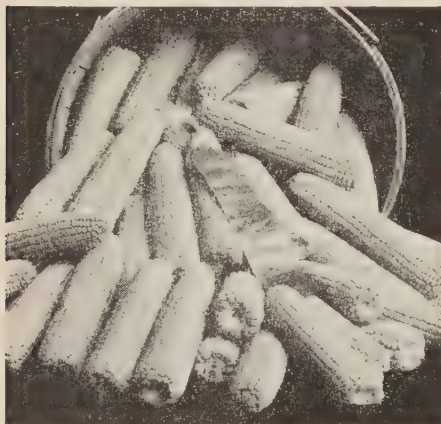
MURDOCK YELLOW DENT

(WISCONSIN NO. 13)

Murdock Yellow Dent is of a deep yellow color, ears $8\frac{1}{2}$ to $9\frac{1}{2}$ inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Not quite as early. Better for silage than Golden Glow.

Wisconsin. By mail: 1 lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 95c, plus postage; pk., \$1.75, plus postage. By freight or express f. o. b. Madison: Bu., \$5.35; 3 bu. at \$5.25 per bu.

Nebraska Grown. $\frac{1}{2}$ pk., 80c, plus postage; pk., \$1.45, plus postage. By freight or express f. o. b. Madison: Bu., \$4.35; 3 bu. at \$4.25 per bu.



Silver King.

SILVER KING

Silver King is not only the best white variety but one of the best and heaviest yielders of all open pollinated corn. It came from northern Iowa to Wisconsin in 1904.

This variety is a uniform creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from $8\frac{1}{2}$ to $9\frac{1}{2}$ inches.

Wisconsin Certified W Brand, by freight or express f. o. b. Madison: Bu., \$6.00; 3 bu. at \$5.90 per bu.

Wisconsin, by mail: 1 lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., \$1.00, plus postage; pk., \$1.80, plus postage. By freight or express f. o. b. Madison: Bu., \$5.50; 3 bu. at \$5.40 per bu.

Nebraska Grown, $\frac{1}{2}$ pk., 85c, plus postage; pk., \$1.50, plus postage. By freight or express f. o. b. Madison: Bu., \$4.50; 3 bu., at \$4.40 per bu.

NORTHWESTERN DENT

An early variety, very popular in the Northwest. Reddish in color, with a fairly good sized ear, maturing ordinarily in 80 to 85 days. We recommend it for extreme northern Wisconsin.

Ohio grown. By mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 95c, plus postage; pk., \$1.65, plus postage. By freight or express f. o. b. Madison: Bu., \$5.00; 3 bu. at \$4.90 per bu.



Cutting Wisconsin Hybrid Corn for Silage.

GOLDEN GLOW

(Wisconsin No. 12)

Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being $8\frac{1}{4}$ to $9\frac{1}{4}$ inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

Wisconsin Certified W Brand, by freight or express, f. o. b. Madison: Bu., \$5.85; 3 bu. at \$5.75 per bu.

Wisconsin, by mail: 1 lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 95c, plus postage; pk., \$1.75, plus postage. By freight or express f. o. b. Madison: Bu., \$5.35; 3 bu. at \$5.25 per bu.

Nebraska Grown, $\frac{1}{2}$ pk., 80c, plus postage; pk., \$1.45, plus postage. By freight or express f. o. b. Madison: Bu., \$4.35; 3 bu. at \$4.25 per bu.

MINNESOTA No. 13

Minnesota No. 13 is to Minnesota what Golden Glow is to Wisconsin. A good 90-day corn, similar in type to Golden Glow, somewhat smaller in ear and stalk and about a week earlier. It is an extra early dent with ears about 8 inches long, well filled tips and uniform in type and color. Stalks grow to a height of about 7 feet, and being early make good fodder. Our stock is Certified Wisconsin W Brand.

Wisconsin Certified W Brand, by freight or express, f. o. b. Madison: Bu., \$5.85; 3 bu. at \$5.75 per bu. Not sealed, by mail: 1 lb., 40c; 5 lbs., \$1.75, postpaid. $\frac{1}{2}$ pk., \$1.05, plus postage; pk., \$1.95, plus postage.

TREAT CORN WITH ARASAN FOR BETTER RESULTS

See page 74

EARLY YELLOW DENT

(WISCONSIN NO. 25)

This is the corn for the extreme north and for late planting farther south. It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which was secured from northern Michigan.

Wisconsin—By mail: 1 lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., \$1.00, plus postage; pk., \$1.80, plus postage. By freight or express f. o. b. Madison: Bu., \$5.50; 3 bus. at \$5.40 per bu.



Wisconsin No. 25.

FLINT CORN

EARLY LONGFELLOW FLINT

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days. We ordinarily have more call for Longfellow than for all other varieties of flint combined.

Ohio grown. By mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., \$1.10, plus postage; pk., \$2.00, plus postage. By freight or express f. o. b. Madison: Bu., \$6.00; 3 bu. at \$5.90 per bu.

RAINBOW

A popular variety of flint corn in the Northwest where it is sure maturing and produces a tremendous yield of corn for the silo or to feed in the field. It is a very hardy variety maturing in 75 to 80 days. The kernels are of mixed colors and the ears make beautiful decorations.

Wisconsin. By mail: Lb., 50c; 5 lbs., \$2.00, postpaid; $\frac{1}{2}$ pk., 90c, plus postage; pk., \$1.60, plus postage. By freight or express f. o. b. Madison: Bu., \$5.00; 3 bu. at \$4.90 per bu.

ENSILAGE CORN

We consider Wisconsin Hybrid of the proper maturity the best for silage corn but we have many customers who plant and prefer open pollinated types for this purpose. The two most important facts to consider in the producing of good corn silage are:

1. Growing strains of corn of appropriate maturity for the particular area.
2. Ensiling the corn at the right stage. Kernels are the key to good corn silage. When $\frac{1}{4}$ the kernels have begun to dent is the best time for harvesting corn for silage. At this time the leaves and stalks of hybrid corn normally will be green and the plant still will be fairly rich in carotene.

REID'S YELLOW DENT

It will ripen in 110 to 120 days. One of the largest yielding of the open-pollinated corn. Grows a medium size ear about 9 inches long with usually 16 to 18 rows of deep yellow kernels to the ear. Grown in the North primarily for silage.

Prices, Western grown, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 85c, plus postage; pk., \$1.55, plus postage. By freight or express f. o. b. Madison: Bu., \$4.80; 3 bu. at \$4.70 per bu.

GIANT RED COB ENSILAGE

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn. A favorite for planting in the North for a large growth of green fodder. Does not ordinarily mature ears in the North.

Prices, Ohio grown, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 90c, plus postage; pk., \$1.60, plus postage. By freight or express f. o. b. Madison: Bu. (56 lbs.), \$4.90; 3 bu. at \$4.80 per bu.

EUREKA FODDER

Grows a fodder 12 to 14 ft. high and a very good yielder, often producing two large white ears on each stalk. When grown to maturity it yields as much as 100 bushels per acre. Has very good standing ability and matures in 110 to 115 days, so will not ripen ears in the North.

Prices, Ohio grown, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 95c, plus postage; pk., \$1.75, plus postage. By freight or express f. o. b. Madison: Bu., \$5.40; 3 bu. at \$5.30 per bu.

IMPROVED LEAMING

A large yellow corn that grows a stalk about 8 ft. high with ears 9 inches long and 16 to 20 rows to the ear. Grown primarily in the North for silage. Matures a trifle earlier than Reid's.

Prices, Nebraska grown, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 90c, plus postage; pk., \$1.60, plus postage. By freight or express f. o. b. Madison: Bu., \$4.80; 3 bu. at \$4.70 per bu.

EVERGREEN SWEET FODDER

A fodder grade of Evergreen Sweet Corn. Same as garden Evergreen except not graded.

Prices, by mail: Lb., 40c; 5 lbs., \$1.75, postpaid; $\frac{1}{2}$ pk., 80c, plus postage; pk., \$1.50, plus postage. By freight or express f. o. b. Madison: Bu. (45 lbs.), \$4.50; 3 bu. at \$4.40 per bu.

OLDS' FARM GRASSES

BROME GRASS Northern

A hardy perennial with strong, growing root stalks which make a thick firm turf. Does exceedingly well on dry, loose soil. Produces a large yield of highly palatable and nutritious hay. It is slow to start and we advise to sow with a nurse crop when grown for hay. Best grass for permanent pastures, even better than blue grass. Plant with alfalfa on high land and Ladino Clover on low ground. Seed early in spring or late summer at the rate of 20 to 28 lbs. of seed to the acre. Canadian No. 1. By mail: Lb., 50c; 5 lbs., \$2.00, postpaid; 10 lbs., \$2.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$22.25.

LINCOLN BROME GRASS

A Southern type of Brome Grass originating from several old fields in Nebraska from seed imported from Hungary. It differs from the Russian or Northern type in that it develops a more extensive root system spreading more rapidly from the roots and the seed heads are not as open and erect as the Northern strain. It is fully Winter hardy as far North as North Dakota. Under Northern growing conditions, it will tend to become sod bound more quickly than the Northern types. Produces a larger per cent of total forage in early Spring but does not recover as well following grazing or mowing as the Northern types. Prices, by mail: Lb., 55c; 5 lbs., \$2.25, postpaid; 10 lbs., \$2.75, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$24.50.

TIMOTHY-ALSKE MIXTURE

Alsike is finer and more leafy than Medium Clover and as it does well on moist soil, it combines well with Timothy both as a hay or pasture crop. A mixture of one-fourth Alsike with Timothy greatly increase the value and quality of the hay and it usually increases the yield. Prices (1/4 Alsike). By mail: Lb., 65c; 5 lbs., \$2.75, postpaid; pk., \$4.60, plus postage. By freight or express f. o. b. Madison: Bu. (50 lbs.), \$17.75; 3 bu. at \$17.60 per bu.

SUDAN GRASS. See page 70.

OLDS' CANES

Sow 4 to 8 pounds of seed to the acre for sorghum; 15 to 25 pounds to the acre for fodder.

SORGHUM CANE

ROX ORANGE. A variety of sweet sorghum that has been bred to overcome some of the disadvantages of Early Black Amber. It is a medium early maturing kind, originated by the Wisconsin College of Agriculture Experiment Station. While developed for a syrup sorghum, it is also found the best variety for silage. Its advantages over the Early Amber are its thicker stalk, easier to strip, easier to thresh, stands up better without lodging and will produce a higher yield of syrup, averaging about 80 gallons of syrup per acre. Most seasons will produce ripe seed in Central and Southern Wisconsin.

Prices, by mail: Lb., 45c; 5 lbs., \$1.75; 10 lbs., \$2.10, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$18.00.

ORANGE FODDER

Like the Waconia Orange Cane, but southern grown.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.00.

AMBER FODDER

Makes a wonderful fodder crop, rich in sugar. Same as the Sorghum Cane but southern grown for fodder purposes.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.00.

ATLAS SORGO

A cross between White Kaffir Corn and Sourless Cane. Plants reach a height of seven to ten feet and require from 120 to 180 days to mature. Has a sturdy leaf stalk, abundantly juicy and sweet. Heads fairly compact. Branches filled with white seeds. Similar in size and shape to Kaffir. Excellent for silage. Produces a large tonnage of succulent feed.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.00.

WHITE KAFFIR CORN

Makes the best kind of fodder for cattle or horses. Seed splendid for poultry. Plant fifteen pounds an acre in rows, 50 pounds broadcast.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.00.

MILO MAIZE

A variety of sorghum. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing 3/4 of a pound each. Plant same as Kaffir. Excellent for poultry.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.00.

TURF GRASSES. See page 60.



A Seed Field of Brome Grass.

CRESTED WHEAT GRASS

A grass especially suited for semi-arid conditions which will endure long periods of drought without injury. Growth begins very early in the spring and the grass thrives during the cool weather of spring and fall. The value for hay and pasture compares favorably with Brome Grass, averaging about 300 pounds more per acre in a season. Stands up well under close grazing and will provide excellent pasture at both ends of the season when it is most needed. Heavy root growth makes it splendid for controlling weeds. Seeding should be done on well prepared soil, preferably with a nurse crop especially on drier soils. Early and shallow planting are important. Sow fifteen pounds per acre.

By mail: Lb., 55c; 5 lbs., \$2.25, postpaid; 10 lbs., \$3.20, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$29.00.

TIMOTHY

(Sow 10 to 15 pounds to the acre.)

Timothy for years has been the standard and most widely grown hay grass. It is indispensable as a hay for horses. It is an easily grown low-cost crop. Probably the most profitable grass to grow where conditions permit its cultivation. A short lived perennial usually lasting four or five years. It is satisfactory for pasturing just a short period.

Timothy prefers a sweet soil and thrives best on rich moist bottom lands and heavy types of soil. It is a nitrogen feeding plant and should follow a legume crop.

Prices, Old Gold Brand (Premium Seed 99.50 Purity). By mail: Lb., 55c; 5 lbs., \$2.25, postpaid; pk., \$3.90, plus postage. By freight or express f. o. b. Madison: Bu. (45 lbs.), \$13.70; 3 bu. at \$13.60 per bu.

Lakes Brand (98.50 Purity). By freight or express f. o. b. Madison: Bu., \$13.50; 3 bu. at \$13.35 per bu.

PASTURE MIXTURE

This mixture is composed of Alfalfa, Red Top, Meadow Fescue, Timothy, Alsike Clover, Ladino Clover, and Red Clover. This splendid mixture should be seeded at the rate of 15 pounds per acre. Brome Grass must be seeded separately so we do not use it in our mixtures.

By mail: Lb., 75c; 5 lbs., \$3.25, postpaid; 10 lbs., \$5.30, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$50.00.

REED CANARY GRASS

BRINGS LOW GROUND INTO PRODUCTION

Reed Canary Grass is a very valuable perennial hay and pasture crop especially desirable for low marshy land. It puts land that is just dead waste into production of valuable forage. Continues to grow without care or attention.

Will lengthen the grazing season as it starts very early in the spring, and it makes a heavy yield of good quality hay. Usually two cuttings a season. Seed either late fall or early spring. 4 to 6 pounds per acre broadcast or 2 to 3 pounds with drill.

By mail: Lb., 65c; 5 lbs., \$2.75, postpaid; 10 lbs., \$4.00, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$36.65.

OLDS' MILLETS

For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st.

YELLOW HAY

A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Some farmers prefer it to German.

Prices, by mail: Lb., 40c; 5 lbs. for \$1.50, postpaid; 10 lbs., \$1.55, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.60. Sacks free.

GERMAN

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color.

Prices, by mail: Lb., 40c; 5 lbs. for \$1.50, postpaid; 10 lbs., \$1.55, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$12.60. Sacks free.

JAPANESE

A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre.

Prices, by mail: Lb., 40c; 5 lbs. for \$1.50, postpaid; 10 lbs., \$1.30, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$10.00. Sacks free.

WHITE PROSO OR HOG

Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry and birds.

Prices, by mail: Lb., 40c; 5 lbs. for \$1.50, postpaid; 10 lbs., \$1.25, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$9.50. Sacks free.

CANADIAN CROWN PROSO

A variety originating from Brandon Experiment Station, Alberta, Canada. Said to yield as much as oats in Canada and about 10 to 20 bushels more per acre than any other Proso. It grows 3 ft. high with spreading head and will mature seed in about 70 days. Sow 25 lbs. per acre a little over 2 inches deep with a grain drill and drag immediately. Recommended for hog and poultry feed.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$1.25, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$9.50. Sacks free.

EARLY FORTUNE OR RED PROSO

Similar to Proso or Hog Millet, but earlier with reddish seed. It is also harder and earlier than the German Millet. Popular in the Northwest.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; 10 lbs., \$1.20, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$9.00.



Amber Fodder Cane.

OLDS' SEED GRAINS



A Field of Moore Barley.

OLDS' SEED BARLEY

(Sow 96 to 110 pounds to the acre.)

ODERBRUCKER

A mid-season six row malting barley which originated at the Wisconsin College of Agriculture many years ago, yet it still holds its place as a leading malting variety. Straw is medium in height and strength and the heads are large. Moderately resistant to spot blotch disease but susceptible to stripe, scab, stem rust, mildew and smut diseases.

Certified Wisconsin W Brand. By freight or express f. o. b. Madison: Not sealed, bu., \$3.70; packed in 2½ bu. sealed bags, \$9.10 per bag; 3 bags (7½ bu.), \$9.00 per bag. New bags included free.

Standard Seed. By mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.00, plus postage. By freight or express f. o. b. Madison: Bu., \$3.10; 10 bu. at \$3.00 per bu. Used bags included free.

L OR KINDRED

The L or Kindred is a six rowed, rough awn, white kernel, malting barley originating in the Dakotas. It is earlier than Oderbrucker and yields more but has a weaker straw. Resistant to stem rust, moderately resistant to spot blotch but susceptible to leaf stripe, mildew, scab and smut. The performance and quality are very satisfactory both for feeding and malting purposes.

Wisconsin Certified W Brand. By freight or express f. o. b. Madison: Not sealed, bu., \$3.70. Packed in 2½-bu. sealed bags, \$9.10 per bag; 3 bags or more, \$9.00 per bag.

Standard Seed. By mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.00, plus postage. By freight or express f. o. b. Madison: Bu., \$3.10; 10 bu. at \$3.00 per bu. Used bags included free.

BUCKWHEAT

Sow buckwheat from June 10 to July 10, one bushel (50 lbs.) per acre.

Buckwheat yields heaviest on well drained sandy loam soils, but will also give fair results on soils too poor for most other crops. It matures in about seventy days and ripens best in the cool weather of early fall. Therefore, June and July plantings in the North are most satisfactory. The Japanese type of buckwheat is more vigorous, withstands more drought, and produces better yields than the Common.

JAPANESE. Large, of dark brown color. Higher in market than Common.

Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.00, plus postage. By freight or express f. o. b. Madison: Bu., (50 lbs.), \$3.00; 3 bu. at \$2.90 per bu. Sacks free.

COMMON. Prices, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.00, plus postage. By freight or express f. o. b. Madison: Bu., \$3.00; 3 bu. at \$2.90 per bu. Sacks free.

MOORE

Developed by the Wisconsin Experiment Station co-operating with the U. S. Department of Agriculture. Superior in yield and stiffness of straw but not recommended as a malting barley. It is mid-season in maturity and is medium tall. Moderately resistant to stem rust, spot blotch and mildew but is susceptible to leaf rust, stripe and smut. More resistant to lodging than Oderbrucker. Kernels are long and the hulls are thinner and stick tighter to the kernel with the result that there is less skinning during threshing. The awns are rough at the tip and break off easily in the threshing. Requires a soil of medium or good fertility.

Certified Wisconsin W Brand, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.25, plus postage. By freight or express f. o. b. Madison: Not sealed, bu., \$3.70; packed in 2½ bu. sealed bags, \$9.10 per bag; 3 bags (7½ bu.), \$9.00 per bag. New bags included free.

MONTCALM

A six row, smooth awn barley originating at McDonald College, Quebec, Canada. It is stronger strawed and yields somewhat more than L or Kindred. Moderately resistant to spot blotch, moderately susceptible to stripe. Has intermediate reaction to covered smut and is susceptible to stem rust, mildew, scab and loose smut. Shows less field loss from shattering and loss of heads which is common to some varieties of barley. May be harvested on the early side and will make good quality grain.

Wisconsin Certified W Brand. By freight or express f. o. b. Madison: Not sealed, bu., \$3.70. Packed in 2½-bu. sealed bags, \$9.10 per bag; 3 bags or more, \$9.00 per bag.

Standard Seed. By mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.00, plus postage. By freight or express f. o. b. Madison: Bu., \$3.10; 10 bu. at \$3.00 per bu. Used bags included free.

SPRING RYE

(Sow 70 to 98 pounds to the acre.)

Spring Rye is a valuable crop and should be more largely sown.

First. It can be sown late in the spring, later than other Spring grain.

Second. It is a splendid nurse crop for clover, as the crop is harvested early.

Third. It does well on nearly all soils and can be grown on very poor land.

Fourth. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.

Prices, Standard Seed, by mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.25, plus postage. By freight or express f. o. b. Madison: Bu., (56 lbs.), \$3.75; 3 bu. at \$3.65 per bu. Sacks free.

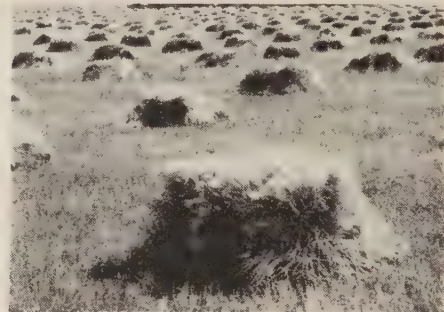
WINTER GRAINS

We have Blackhawk Wheat, Balboa, White, and Common Rye Seed available for Fall planting. If you need seed, write us for prices in August.

WISCONSIN W BRAND CERTIFIED SEED. This seed is grown from foundation stock obtained each year from the Wisconsin College of Agriculture. Field inspections are made by a representative of the Wisconsin Experiment Association and official samples are taken for laboratory test by the inspector. Seed must show a purity of 99.5. There must be not more than one kernel per pound of other varieties or kinds of grains. No noxious weed seeds and not more than ten per pound of other weed seeds. Germination must be 90 per cent or better. Foundation seed is seed produced on the station farm. The seed is officially tagged and sealed with the certified red W seal label by their representative and sold in full sealed bags only. These precautions are taken to safeguard the identity of the seed and to maintain high quality.

STANDARD SEED. Our "Standard Seed" shows high purity and is nearly equal to the Certified Seed. Most of it is produced from Certified Seed. Used bags are furnished free.

Treat all your seed grains with Ceresan.
See page 74.



A Field of Henry Spring Wheat.

SPRING WHEAT

(Sow 90 to 120 pounds to the acre.)

HENRY

Developed by Prof. R. G. Shands in a co-operative grain-breeding project of the Wisconsin Experiment Station and the U. S. Department of Agriculture. It is highly resistant to leaf rust, the most serious disease of wheat in Wisconsin. Also quite resistant to black stem rust and to bunt or stinking smut. In tests in the last three years, Henry outyielded Sturgeon, Wisconsin's highest yielding Spring wheat up to that time, by 23%. Henry is a bearded Spring wheat with large wide heads. The straw is moderately stiff and about as tall as Sturgeon and will ripen along with Marquis wheat or about five days later than Vicland oats. The kernels are medium red in color, slightly softer in texture than Marquis and larger than any other Spring wheat. It is primarily a feed wheat, but it is also satisfactory for baking.

Prices: Wisconsin Certified W Brand, by freight or express f. o. b. Madison: Bu., not sealed, \$4.50; 2½-bu. sealed bags, \$11.25 per bag.

Standard Stock. Grown from certified seed but not sealed and certified. By mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.35, plus postage. By freight or express f. o. b. Madison: Bu., \$4.00; 3 bu. at \$3.95 per bu.



Sheaf of Emmer or Speltz.

SPELTZ OR EMMER

(Sow 100 to 125 pounds of seed to an acre.)

Farmers ought to sow more speltz. It makes splendid feed and lots of it. Excellent balanced ground feed for horses, cattle or hogs. Its large hull gives it the lightness of oats while the double kernels furnish a rich meal much like ground rye feed. It is adapted to dry regions, is hardy, yields heavy and stands up well.

Standard Seed. By mail: Lb., 40c; 5 lbs., \$1.50, postpaid; pk., \$1.05 plus postage. By freight or express f. o. b. Madison: Bu., \$3.25; 3 bu. at \$3.15 per bu. Sacks free.



H. L. Shands and D. C. Arny, plant scientist at the University of Wisconsin, inspecting a field of the Branch oats.

BRANCH

Branch is resistant to *Helminthosporium Victoriae* blight and smut and is intermediate in its response to leaf rust, including race 45 and would likely reduce losses in yield under heavy epidemic conditions of leaf rust such as race 45. Has moderate stem rust resistance. The straw is tall of medium strength. Mid-season to slightly late in ripening and is best adapted to soils of medium to low fertility. There are fewer late tillers than in "Bond" varieties. Kernels are nearly white in color. The bushel weight is slightly lower than that of the "Bond" varieties, but yield in bushels per acre is high, being somewhat higher than most varieties available today.

Prices, Certified Wisconsin W Brand, First Generation, by freight or express f. o. b. Madison: 3 bu., sealed bag, \$8.55; 5 bags (15 bu. or more), \$8.25 per bag. Packed in new bags which are free.

Prices, Standard Seed, grown from Certified Stock, pk., 80c, plus postage. By freight or express f. o. b. Madison: Bu., \$2.50; 10 bu. or more, \$2.40 per bu. Packed in used bags which are free.

AJAX

A Canadian oat which is proving valuable on the lighter soil sections of our state. It is a tall strawed variety that would likely lodge on fertile soil. It matures about three days later than Vicland with average size white kernels. A high yielding oat that will run about average in bushel weight. Straw is not as strong as some of the bond varieties, and while not resistant to stem rust and leaf rust it has, in the last few years, shown less leaf rust than the Bond varieties. Yield tests at several Wisconsin stations in 1947, 1948, 1949 was 63.3 bushels per acre which was the highest of 23 varieties tested.

Certified Canadian, pk., 85c, plus postage. By freight or express f. o. b. Madison: 1 bu., not sealed, \$2.50 per bu.; 3 bu. sealed bag, \$7.35; 5 bags (15 bu. or more), \$7.05 per bag.

BONDA

One of the new *Helminthosporium* disease resistant oats developed at the Minnesota Experiment Station. It is a cross of Bond and Anthony. At the Wisconsin station this oat had the highest bushel weight and was one of the strongest strawed of all the varieties grown on the farm. Like Clinton it is susceptible to race 45 of leaf rust. It grows somewhat taller than Clinton, ripens a little later, and has a whiter kernel. Prices, Wisconsin Certified W Brand, First Generation, by freight or express f. o. b. Madison: 3 bu., sealed bag, \$7.80; 5 bags (15 bu. or more) at \$7.50 per bag.

Prices, Standard Seed, grown from Certified Stock, pk., 80c, plus postage. By freight or express f. o. b. Madison: Bu., \$2.25; 10 bu. or more, \$2.15 per bu. Packed in used bags which are free.

CLINTON

Clinton is resistant to *Helminthosporium* disease and to the races of rust commonly found in Wisconsin, but is susceptible to race 45 of leaf rust and somewhat susceptible to smut. It has a stiff straw, very leafy, which produces late tillers. A medium tall, early, yellow oat with plump kernels and thin hulls. It is outstanding for yield, test weight, and strength of straw.

Our certified Wisconsin and Certified Illinois stock is from the improved selections which are superior to the original Clinton.

Prices, Wisconsin Certified W Brand, or Certified Illinois, First Generation, by freight or express f. o. b. Madison: 3 bu., sealed bag, \$7.35; 5 bags (15 bu. or more) at \$7.05 per bag.

Standard Seed, grown from Certified Stock, 1 peck, 80c, plus postage. By freight or express f. o. b. Madison: 1 bu., \$2.25; 10 bu. or more, \$2.15 per bu. Packed in used bags which are free.

OLDS' SEED OATS

SAUK

A new variety developed at the Wisconsin Experimental Station in co-operation with the U.S.D.A. It is high yielding; has somewhat shorter and stiffer straw than Branch. It is susceptible to race 8 of stem rust, but resistant to race 7 and has the same general disease reactions as Branch, being moderately resistant to *Septoria* and intermediate in leaf rust response. Yields have been high. Bushel weight is not quite as high as some widely grown varieties. Prices: Wisconsin Certified W Brand, First Generation, Pk., \$1.40 plus postage. By freight or express f. o. b. Madison: Bu., \$4.10; 3 bu. sealed bag, \$12.00; 5 bags, 15 bu. or more at \$11.70 per bag.

CLINTAFE

Developed from Clinton by the Iowa Experiment Station in co-operation with the U.S.D.A. Somewhat taller and later than Clinton with smaller kernels. Straw strength is good, but slightly irregular in height. Resistant to race 45 and other leaf rust races generally found in the United States and to *Septoria* disease. Resistant to race 8 of stem rust, but is susceptible to lodging. Prices: Wisconsin Certified W Brand, First Generation, Pk., \$1.05 plus postage. By freight or express f. o. b. Madison: Bu., \$3.20; 3 bu. sealed bag, \$9.00; 5 bags, 15 bu. or more at \$8.70 per bag.

CLINTLAND

This variety was developed by the Indiana Experiment Station and resembles Clinton in most respects. It is stiff strawed, yellow grained, and high in bushel weight. It is resistant to race 8 of stem rust, but is susceptible to race 7. It is also resistant to race 45 and other leaf rust races generally found in the United States. Prices: Wisconsin Certified W Brand, First Generation, Pk., \$1.05 plus postage. By freight or express f. o. b. Madison: Bu., \$3.75; 3 bu. sealed bag, \$11.25; 5 bags, 15 bu. or more at \$10.95 per bag.

MINDO

Introduced by the Minnesota Agricultural Experiment Station from a cross of Bond X and Black Mesdag. It is resistant to the rust and smuts, and also is resistant to race 8 of stem rust. Equal to Bonda in this respect. A very early yellowish oat with excellent yielding ability. Higher in weight per bushel than Vicland, and having a short straw it is very resistant to lodging. This variety is valuable for very fertile soils which have plenty of moisture on which taller oats tend to grow too tall and lodge. It has the shortest straw of all popular varieties grown in Wisconsin, including Vicland, and is an excellent yielder. Prices, Wisconsin Certified W Brand, First Generation, pk., \$1.00, plus postage. By freight or express f. o. b. Madison: 1 bu., not sealed, \$3.00 per bu.; 3 bu., sealed bag, \$8.70; 5 bags (15 bu. or more), \$8.10 per bag.

NEMAHA

Nemaha is a double cross of Vicland and Richland on Morota and X Bond. Compared to Clinton it is about five days earlier and the straw about two inches shorter. Has stiff straw, but not as resistant to lodging. The kernels are reddish in color. Resistant to all common races of leaf rust, except race 45 and 57, also most races of stem rust and smut. The average yield per acre in a test conducted in 1943 at Mt. Morris, Illinois, was 78.6 bushels per acre, which was the highest of all varieties tested.

Prices, Certified Wisconsin W Brand, First Generation, by freight or express f. o. b. Madison: 3 bu., sealed bag, \$8.10; 5 bags (15 bu. or more), \$7.80 per bag. Packed in new bags which are free.

Prices, Standard Seed, pk., 80c, plus postage. By freight or express f. o. b. Madison: Bu., \$2.50; 10 bu. or more, \$2.40 per bu. Packed in used bags which are free.

VICLAND

Vicland is susceptible to *Helminthosporium* Oat disease, and is grown in areas not severely infested with this disease. It matures early, is resistant to the races of stem and leaf rust and smuts common in Wisconsin. Gives high yields of plump, yellow kernels, but has a short straw and should be planted on fertile soil. Prices: Wisconsin Certified W Brand, First Generation, Pk., \$1.00 plus postage. By freight or express f. o. b. Madison: Bu., \$3.05; 3 bu., sealed bag, \$9.00; 15 bu. or more at \$8.70 per bag.

POSTPAID OAT PRICES

1 lb., any variety, 40c; 5 lbs., \$1.50, postpaid.

OLDS' VETCH

Sand or Winter

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and ½ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 50c; 5 lbs., \$2.00, postpaid; 10 lbs., \$2.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$22.00.

OLDS' FIELD PEAS

WHITE CANADA. The most popular variety of field peas. Sow 1 to 1½ bushels per acre broadcast with the same amount of oats. Another good mixture recommended by leading county agents is ½ bushel each of Field Peas, Oats, Barley and Wheat.

Prices, by mail: Lb., 45c; 5 lbs., \$1.75, postpaid; pk., \$2.00, plus postage. By freight or express f. o. b. Madison: Bu. (60 lbs.), \$6.10; 3 bu. at \$6.00 per bu. Sacks included.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

OLDS' WISCONSIN CERTIFIED SEED POTATOES

(Plant 8 to 12 bushels to the acre.) Bushel = 60 lbs.

WHAT IS CERTIFIED SEED?

WISCONSIN CERTIFIED STOCK is your guarantee of quality as the potatoes are grown just for seed. U.S. No. 1 is not a grade for seed potatoes but a grade for table potatoes. The seed fields must be inspected at least twice while growing in the fields by an official state inspector and again in the bin after being dug, and both times pass the necessary requirements. The fields must be sprayed for disease on the order of an official inspector. The stock must be practically 100% pure in type, must be free from late blight rot, blackleg, powdery scab, leaf roll, tuber moth, Sclerotium Rolfsii Wilt, potato wart, ring rot, brown rot, and conform reasonably to the correct vine and tuber characteristics of the variety. The seed used in planting the crop must be proven certified seed that has a history starting from carefully selected plants, true to type and free from mixture. Complying with all the above requirements, the potatoes are eligible for certification and are placed in official branded bags and sealed with official tags. Orders are filled in our bags and with our labels and not sealed in less than full bags. Field and bin inspections are made by the Wisconsin College of Agriculture and final pack inspections by the State Department of Agriculture.

PRICES FOR 1955. All prices quoted are subject to change and are for shipment by freight or express in late March or April, weather permitting, f. o. b. Madison, Wisconsin. Bags are free.

POSTAGE REQUIRED ON POTATOES IF SENT BY MAIL

If you want your potatoes sent by parcel post add amount shown in chart to prices quoted and instruct us to send by mail.

| Distance from Madison | Peck | 1/2 Bushel | Bushel |
|-------------------------|--------|------------|--------|
| Up to 150 miles..... | \$0.79 | \$1.38 | \$2.57 |
| 150 to 300 miles..... | .96 | 1.73 | 3.27 |
| 300 to 600 miles..... | 1.21 | 2.25 | |
| 600 to 1,000 miles..... | 1.56 | 2.95 | |

ATTENTION: STORE CUSTOMERS

Our Certified Seed Potatoes are not brought into our Madison plant from the Northern storage warehouses until weather permits in March. If you plan to purchase potatoes, we advise that you delay your trip until April 1st.



Early Irish Cobblers.

EARLY IRISH COBBLER

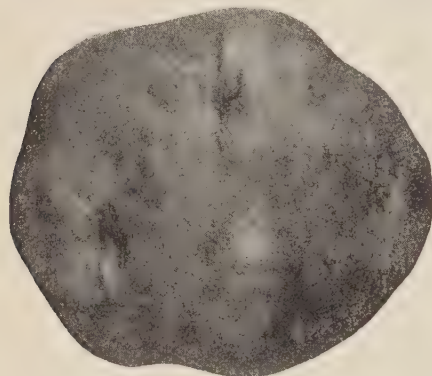
Most Popular Early White Variety

Early Irish Cobbler is an old variety that seems to hold its popularity. It is a pure white potato, nearly round in shape with eyes rather more pronounced than in the Early Triumph. It usually outyields Early Triumph although not quite as early.

The potatoes are very attractive looking and of most excellent quality, rather ahead of most earlies in that respect, always cooking up dry and mealy. This variety will please anyone who wants a few earlies for home use as well as the large grower and the market gardener.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.00; 1/2 bu., \$1.85; bu., \$3.40; 100 lbs., \$4.80; 500 lbs. at \$4.75 per 100 lbs.

EYES—Box of 100, \$1.40; 2 boxes, \$2.50, postpaid.



Red Warba.

RED WARBA

Earliest of All Potatoes

Red Warba is the earliest variety grown in America. It matures ten days earlier than Triumph and Ohio and two weeks earlier than Cobbler. It has a vigorous sprout which has a tendency to emerge quickly through the soil after planting. The plants are stocky and rugged and they produce a heavy set of tubers. The eyes, while deep, are not too noticeable.

Some of the potatoes have a cream colored marbling on the deep red tubers which seems to be an advantage rather than an objection. Cooks white and mealy with very little hollow heart. This variety is also definitely resistant to mild mosaic under field conditions, a disease that most early varieties seem to be susceptible to.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.05; 1/2 bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs.

EYES. Box of 100, \$1.50. 2 boxes, \$2.70, postpaid.

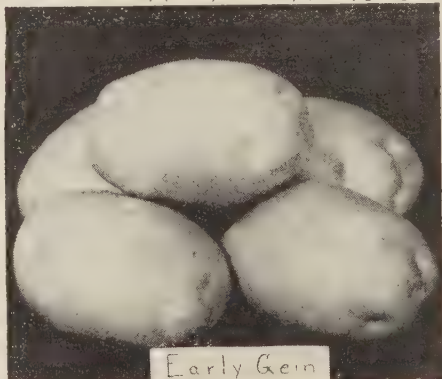
EARLY GEM

Scab Resistant

The first and only early scab resistant Potato available in the United States. Developed by the United States Department of Agriculture and released to the trade in 1953 under joint agreement with two State Experiment Stations, North Dakota and Idaho, and the U.S.D.A. It is a cross of Burbank and the seedling X96-56 and in appearance greatly resembles its attractive parent, the Russet Burbank. Trials in Wisconsin and other States show that Early Gem is as early as Red Warba. The tubers are medium long, very shallow eyes and roughly skinned. It is best adapted to the sandy or more loamy soils, as on heavy clay soils it is very subject to crack growth. If you are growing scabby Potatoes, we urge you to plant Early Gem. It is the equal of Ontario in resistance to scab, but is not subject to physiological internal necrosis like the Ontario variety, which we are discontinuing for this reason. A good yielding variety, about the same as Irish Cobbler.

The supply of seed is very scarce and we are limiting the quantity to 200 pounds to a customer. Prices: Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.25; 1/2 bu., \$2.20; bu., \$4.10; 100 lbs., \$5.75.

EYES: Box 100, \$1.95; 2 boxes, \$3.60, postpaid.



Early Gem



Red La Soda

RED LA SODA

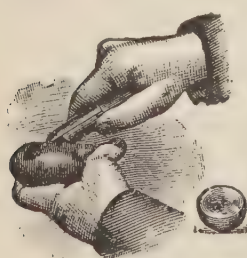
New High Yielding Red

Two years ago, we introduced to our trade the new La Soda Potato, which has become extremely popular with our trade. This year we have a limited amount of a new strain, which has a much darker color and skin and is known as the Red La Soda. It was developed and released in 1953 by the Louisiana Experimental Station. The attractive, bright red tubers are superior in appearance to both Triumph and Red Pontiac. The flesh remains white after boiling and is slightly waxy in texture, which prevents sloughing. The variety is not subject to physiological internal necrosis and other tuber defects. It is very high yielding of medium to late maturity. Not resistant to the more common Potato diseases including scab, but it will produce excellent crops under adverse growing conditions and it is exceptionally well adapted to a wide range of soil and climatic conditions. A truly wonderful home garden variety where scab is not a problem.

Seed stock of this variety is very scarce and we are limiting the quantity to 200 pounds to a customer. Prices: Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.25; 1/2 bu., \$2.20; bu., \$4.10; 100 lbs., \$5.75. EYES: Box 100, \$1.95; 2 boxes, \$3.60, postpaid.

OLDS' POTATO EYES

Customers who want just a few hills of potatoes or who live a long distance from Madison and find transportation costs excessive can plant our certified seed by ordering the eyes. They are specially packed to keep for weeks in excellent condition. Orders will be filled at the proper time. Plant two eyes to the hill 3 inches deep in rows 2 1/2 to 3 feet apart and 1 foot apart in the rows. Eyes are packed 100 to box and are priced after each variety description.

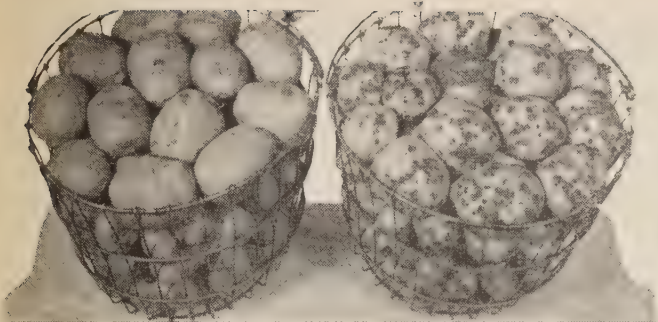


TREAT POTATOES WITH SEMESAN BEL.

Tests in 15 states have proved that most potato growers can usually expect better returns from seed potatoes if they treat them with Semesan Bel. Costs only about 21 cents an acre—generally reduces seed-piece decay, seed-borne scab and Rhizoctonia. No mussy soaking—after cutting just dip, drain, dry and plant! One pound treats 60 to 80 bushels of seed.

Prices, 3 oz., \$1.05; 1 lb., \$3.30; 4 lbs., \$10.65 postpaid.





Russet Sebago at left is scab free. Cobblers at right scab infested on same soil.

RUSSET SEBAGO

Scab and Late Blight Resistant

This variety is resistant to more potato diseases than any other variety. Developed by Professors Wayne Weber and Henry Darling and Dr. Gus Reimann at the Wisconsin College of Agriculture. It is essentially the Sebago in a Russet skin. Like Sebago it is resistant to late blight, is a heavy yielder, cooks up white, and the tubers are well shaped with shallow eyes. The tougher Russet skins give this strain more resistance to scab than its parent, the smooth, thin skinned Sebago. If you have scab infested soil you should plant this variety or Ontario. Russet Sebago is not quite as scab resistant as Ontario, but in addition it is blight resistant.

Prices, Wisconsin Certified Stock by freight or express f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.60; 2 boxes, \$2.90, postpaid.



Chippewa.

CHIPPEWA

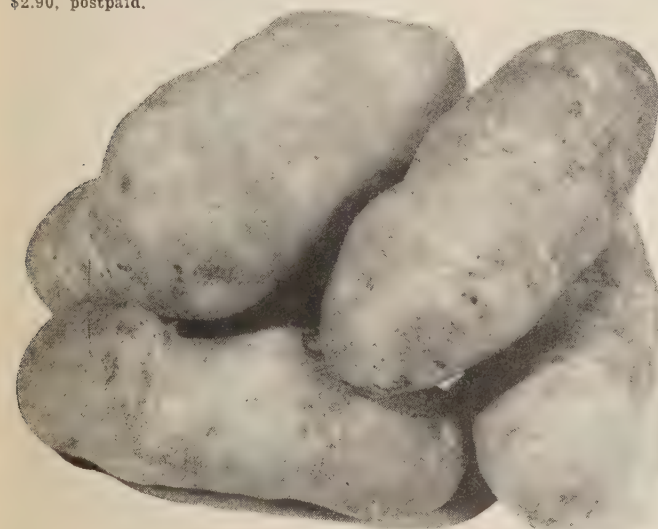
The heavy yielding white midseason

A midseason or second early potato introduced by the U. S. Department of Agriculture which in trials has proven outstanding for the northern states. It is resistant to mild mosaic and is a handsome potato and a heavy yielder. The skin is velvety white, has shallow eyes and is oblong in shape. Seldom has hollow hearts and always cooks up white.

Prices, Wisconsin Certified stock, by freight or express, f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.60; 2 boxes, \$2.90, postpaid.

RUSSET BURBANK

In Wisconsin, generally speaking, this variety does not yield heavy, but on some muck soils and in some areas it has done very well. On the market it is generally sold as Idaho Russet, and is one of the best potatoes for baking. The oblong potato has a well netted brown skin, and the eyes are shallow. Prices: Wisconsin certified stock by express or freight, f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.60; 2 boxes, \$2.90, postpaid.



Russet Burbanks.



La Sodas.

LA SODA

High Yielding Pink Midseason

A potato developed in Louisiana which is proving excellent under Wisconsin growing conditions. It is a cross between Triumph and Katahdin and we think it is much superior to Triumph which we discontinued in favor of the La Soda. Plants grow upright with medium to small leaves and average vigor. The bright pinkish red skin tubers are semiround to slightly oblong and very smooth with shallow eyes. It is about mid-season in maturity. Yields well in Wisconsin. Prices: Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.50; 2 boxes, \$2.70, postpaid.



Blight Resistant Sebago.

SEBAGO

Late Blight Resistant

A late blight resistant potato tolerant to Potato Hopperburn caused by the Potato Leaf Hopper and resistant to the Yellow Dwarf disease which often causes heavy losses in the sandy soil regions. Its yielding ability is about the same as Chippewa. Cooks white.

The tubers are very similar to Chippewa—white, thin skinned, shallow-eyed, and oval to oblong in shape. Vines are large, definitely upright in growth habits. Because of its fine quality and thin skin, it is quite susceptible to scab. Plants set heavy with tubers and therefore requires a fertile soil.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.50; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.60; 2 boxes, \$2.90, postpaid.

KATAHDIN

Heavy Yielding Late Storage Potato

Katahdin is one of the higher yielding late varieties, which is generally adapted to Wisconsin growing conditions. It is a heavy yielder, resistant to mild mosaic, tolerant to heat and drought conditions, but extremely susceptible to scab. On scab-free soils it produces beautiful white tubers of high market quality. The potatoes are very similar in shape and appearance to Chippewa. The skin is velvety white, very shallow eyes, oblong and somewhat flat in shape. On light soils the tubers have a tendency to come up through the soil and sunscald. The vines seem quite resistant to Hopperburn.

Prices, Wisconsin Certified Stock, by freight or express f. o. b. Madison: Pk., \$1.05; ½ bu., \$1.90; bu., \$3.40; 100 lbs., \$4.95; 500 lbs. at \$4.90 per 100 lbs. EYES: Box 100, \$1.60; 2 boxes, \$2.90, postpaid.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

OLDS' FIELD and SOY BEANS

(Sow 120 pounds to an acre.)

Soy beans in Wisconsin were first grown for hay but now with the new improved early varieties they are becoming popular as a cash crop. Soy beans are valuable in many ways. They yield large amounts of high protein forage, rich in food value and are splendid for either hay or silage. They improve the soil fertility and are equal to 8 loads of stable manure to the acre. They are more resistant to frost than corn and will withstand hot weather. They are the only legume crop that will grow on acid soil and build up the land and they are adapted to nearly all soils, especially sandy soil. When other early planted crops fail they make a wonderful emergency crop as they can be put in late. The grain will not deteriorate in value when the crops stand a considerable length of time after maturity and with processing plants now available, it gives the farmer a splendid additional cash crop. The ground beans are considered better than oil meal for mixing with home grown grains to balance the dairy ration.

FLAMBEAU SOY BEAN

A very early high yielding new variety developed at the Spooner Experiment Station and released about 1944. It was developed from one of a number of single plant selections in 1939 out of an early Russian variety. It will generally ripen wherever 80 or 85-day hybrid corn will mature. Pods are set quite close to the ground. The peas have a black hilum similar to Manchou, but are somewhat longer and a portion has slightly wrinkled seed coats. The oil content is about 19 per cent. Not the most desirable as hay but probably the best variety to grow for seed in the North.

Write for prices.

MONROE SOY BEANS

Adapted to 95 and 105-day corn areas, also for late planting further south and for hay production further north. Plants are tall and quite resistant to lodging. The pods are borne well off the ground. Seeds are light yellow including the hilum. Oil content about 20%.

Prices, by freight or express f. o. b. Madison: Certified Stock, bu., \$1.60; 10 bu., or more, \$1.50 per bu. Bags free.

Prices, Standard Stock: 1/2 pk., 80c, plus postage; pk., \$1.40, plus postage. By freight or express f. o. b. Madison: Bu., \$4.10; 10 bu. at \$4.00 per bu. Bags free.

SUDAN GRASS

(Sow 35 pounds to an acre.)

Sudan grass is primarily a hay grass but is widely used for late summer pastures when native grasses are less productive during the dry weather. It is a heavy yielding grass yielding up to two to four tons of cured hay per acre in one cutting in Wisconsin. The quality of the hay is better than millet. It can be sowed late, up to June 20 and is valuable as an emergency crop when earlier planted crops fail. Will withstand long periods of drought and is a good crop to use to smother Canada thistle and quack. After the hay crop has been taken off it makes a fine late pasture as it grows up again quickly. It is strictly an annual, dying at the end of the season. Price: Lb., 45c; 5 lbs., \$1.75, postpaid; 10 lbs., \$1.90, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$15.75. Bags free.

SWEET SUDAN

A cross of a sweet disease resistant sorghum with common Sudan made by the Texas Experiment Station. In the South it will probably replace common Sudan as it is more palatable to livestock, broader leaves, larger stems and makes a taller growth, stooling heavier than the common. Cattle will eat it to the ground before touching the common Sudan. It is later maturing and should not be pastured until it is at least twenty-four inches high as the sugar does not start setting below that height.

Prices: Lb., 50c; 5 lbs., \$2.00, postpaid; 10 lbs., \$2.20, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$19.00. Bags free.

PIPER SUDAN

A variety of Sudan Grass developed by the Wisconsin Agricultural Experiment Station and released in 1951. Compared with other varieties it yields more forage and is very low in toxic properties. It has good disease resistance and the palatability characteristic of sudan grass. Stalks are stiff when mature and will produce high yields of good quality seed. After pasturing it shows a good regrowth.

Prices, Wisconsin Certified: Lb., 55c; 5 lbs., \$2.25, postpaid; 10 lbs., \$2.50, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$22.25. Bags free.

OLDS' BIRD FEEDS

We have a large demand from zoos, conservation groups and individuals for bird feed and sell many tons a year. The more popular kinds and mixtures we are listing below in lb. and 5 lb. lots postpaid. If larger amounts are desired, write for prices.

| | PRICE: LB. | POSTPAID 5 LBS. |
|---|------------|-----------------|
| WILD BIRD MIXTURE: Contains cracked Buckwheat, Red Millet, Sunflower, Rape and Canary Seed..... | 40c | \$1.50 |
| SPECIAL MIXED BIRD SEED: This contains Canary Seed, Rape and Millet..... | 55c | \$2.25 |
| PARAKEET MIXTURE: This mixture contains Large Yellow Millet, Canary Seed and Oat Groats..... | 60c | \$2.50 |
| MAMMOTH RUSSIAN SUNFLOWER: Striped..... | 55c | \$2.25 |
| DAKOTA SUNFLOWER: Dark Seeded..... | 45c | \$1.75 |
| IMPORTED CANARY SEED:..... | 55c | \$2.25 |
| RED PROSO MILLET:..... | 40c | \$1.50 |
| YELLOW MILLET:..... | 40c | \$1.50 |
| RAPE:..... | 45c | \$1.75 |
| HEMP: Devitalized..... | 50c | \$2.00 |

HAWKEYE SOY BEANS

A cross between Mukden and Richland. First released and distributed in 1948. It is adapted to the 115 to 125-day corn areas. The plant is of medium growth and stands up well. About the same season as Manchou 606 and a few days earlier than Mukden, but has a much stiffer straw. It outyields the other earlies, being about equal to Lincoln, and the oil content of the beans is about the same, averaging about 20.06 per cent. Beans are yellow.

Prices, by freight or express f. o. b. Madison: Certified Stock, bu., \$4.60; 10 bu. or more, \$4.50 per bu. Bags free.

Standard Stock, 1/2 pk., 80c, plus postage; pk., \$1.40, plus postage. By freight or express f. o. b. Madison: Bu., \$4.10; 10 bu. at \$4.00 per bu. Bags free.

ORDER EARLY



Sudan Grass,



A Planting of Soy Beans for Hay.

POSTPAID SOY BEAN PRICES
1 lb., any variety, 45c; 5 lbs., \$1.75, postpaid.

BLACKHAWK SOY BEANS

A variety developed by the Iowa experiment station in the U. S. regional soybean laboratory, cooperatively, which is adapted to the 100 and 110 day corn maturity belt. Plants are medium tall, stand up well and bear the pods well off the ground. Seeds are light yellow with buff to light brown hilum and are nearly round. Oil content, about 20.5%. Produces good hay in the far north and is fine for late planting in the southern part of the state.

Prices, by freight or express f. o. b. Madison: Certified Stock, bu., \$1.60; 10 bu. or more, \$1.50 per bu. Bags free.

Standard Stock, 1/2 pk., 80c; pk., \$1.40, plus postage. By freight or express f. o. b. Madison: Bu., \$4.10; 10 bu. at \$4.00 per bu. Bags free.

INOCULATE YOUR BEAN SEED.

You will get a more robust vine, a heavier crop, and make this legume enrich the soil in which it is used if you use Nitragin. It pays for itself ten times over. See page 75.

OLDS' FIELD BEANS

KIDNEY BEANS

DARK RED (60 to 90 pounds to the acre). The well known dark red kidney bean used in soups, chili, and salads.

Prices, by mail: 1/2 lb., 35c; 1 lb., 55c; 2 lbs., \$1.00; 5 lbs., \$2.20, postpaid; 10 lbs., \$2.80, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$26.00.

NAVY BEANS

4. MICHELITE NAVY. An improved strain of navy beans. Very uniform in maturing and resistant to Mosaic and Bacterial blight. Very heavy producer.

Prices, by mail: Lb., 45c; 2 lbs., 80c; 5 lbs., \$1.80, postpaid; 10 lbs., \$1.80, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$16.00.

RAPE

DWARF ESSEX: Makes a quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

In early spring, 5 to 10 pounds per acre.
With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

With corn just before the last cultivation.
We handle only the best and purest Genuine Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort.

Prices, by mail: Lb., 45c; 5 lbs., \$1.75, postpaid; 10 lbs., \$2.00, plus postage. By freight or express f. o. b. Madison: 100 lbs., \$17.00. Bags free.



SUPER BALE
19" x 20" x 36"



HANDY CARTON.

IMPORTED HORTICULTURAL PEAT MOSS

Poor soil texture can now be easily remedied by incorporating peat moss in the soil. It prevents clay soil from baking and sandy soil from drying out. Don't suffer disappointments because your soil texture is poor. Peat moss is more absorbent than a sponge and is a soil conditioner but not a fertilizer.

Prices: By freight or express f. o. b. Madison. Pk. bag, 45c; by mail 65c. Handy Carton size (10 1/2 x 15 x 1 1/2), weight about 10 lbs., \$1.35. Add postage if wanted by mail. Handy bale (30 x 15 x 18), 4.5 cubic feet, weight about 50 to 70 lbs., \$3.95. Super bale (36 x 19 x 20), 7.5 cubic feet, shipping weight about 70 to 100 lbs., \$5.25.

Note. Storage varies because of moisture loss in storage.

VERMICULITE

A soil conditioner that speeds up the rooting of cuttings and greatly increases germination of seeds. It is also ideal for mulching, and storing of root crops and bulbs. It seems to absorb moisture when bulbs are too moist and gives off moisture when the bulbs are dry. Will not permit fungus or algal growth. It is clean, light and easy to handle. Famous florists and horticulturists highly endorse this produce.



Prices: By freight or express, f. o. b. Madison: 1/2 pk. 45c, by mail 65c; 1/2 bu. bag 95c, by mail \$1.35 postpaid; 2 bu. bag, \$1.95. Shipping weight 15 lbs. Add postage if wanted by mail. 3 1/4 bu. bag, not mailable, \$2.35 (Shipping weight about 24 lbs.). 5 bags at \$2.30 per bag.

SPHAGNUM MOSS

For starting seeds, plants, hanging baskets—See page 25.

DAIRY ORGANIC COMPOST

Organic matter and soil bacteria are the life blood of soil. It must have organic matter to keep alive. Condition and recharge your soil nature's way by using organic compost. It is the perfect way to aerate the soil as well as stimulate the soil bacteria. Dairy Organic Compost is made from decomposed dairy cattle manure that is processed without chemicals or forced with foreign materials. It is not dehydrated or pulverized but merely composted and screened. Guaranteed not to burn. Odorless, weed free, retains moisture alive with bacteria, contains trace minerals and hormones and is long lasting. Clean and easy to handle and may be stored indefinitely. Wonderful on lawn and gardens and to use in planting trees, shrubs, plants and bulbs. Price: 5 lb. bag, 65c; by mail \$1.10, postpaid. By freight or express, f. o. b. Madison, 50 lb. bag, \$2.75.



DU PONT SOLUBLE PLANT FOOD and PLANT STARTER

A spray on plant food which can be applied to the foliage or the soil. It is a high strength (19-22-16) general purpose fertilizer, readily soluble in water and quickly stimulates plant growth. Urea and trace elements are included in the formula. Will not burn foliage or roots when used as directed. Wonderful for setting transplants. Price: 6 oz. can, 69c; by mail, 80c; 1 1/2 lb. can (makes 30 to 60 gallons), \$1.95, by mail \$2.20; 4 lb. bag, \$3.50, by mail \$3.75; 50 lb. bag, \$15.50.



SHEEP MANURE

Pulverized Sheep Manure is a natural, organic fertilizer for lawns, gardens, window boxes, plants, shrubs, trees. Contains humus which is ideal for sandy and clay soils. Prices: By freight or express f. o. b. Madison: 5 lbs., 45c; by mail, 95c; 25-lb. bag, \$1.25; 50-lb. bag, \$2.10; 100 lbs. (2-50 lb. bags), \$3.75.

BONE MEAL

For roses, peonies, tulips and other flowers requiring a good supply of phosphorus. 26% total phosphoric acid. Prices: By mail, 5 lbs., \$1.30, postpaid. By freight or express f. o. b. Madison: 10 lbs., \$1.10; 50 lbs., \$3.65; 100 lbs., \$6.75.

REGULAR VIGORO

The complete plant food for all vegetables, plants, flowers, shrubs, trees and new lawns. Prices: 1 lb., 15c; by mail, 25c; 5 lbs., 55c; by mail, \$1.00; by freight or express f. o. b. Madison, 10 lbs., 95c; add postage if wanted by mail, 25 lbs., \$1.70; 50 lbs., \$2.50.

GOLDEN VIGORO

NON BURNING—LONG FEEDING

A new plant food made especially for the established lawn as it will not burn even when used at several times its recommended strength. Will last much longer because of the exclusive combination of new ingredients. Just one feeding nourishes your lawn all season. Tests by leading independent research organizations proved Golden Vigoro to be the longest lasting complete lawn food ever offered. It is sanitary, clean, odorless and may be applied at any time without raking or watering. Price: by freight or express f. o. b. Madison: 50 lb. bag, \$3.75.

INSTANT VIGORO

A (19-28-14) complete plant food in concentrated form for liquid plant feeding by the makers of the famous Vigoro. It is ideal for foliar feeding through the leaves of the plant as well as for normal root zone feeding. One-half pound makes eight gallons of liquid plant food. Prices: 1/2 lb., 80c; by mail, 90c; lb., \$1.13; by mail, \$1.35; 3 lbs., \$3.00; by mail, \$3.45; 25 lbs., \$13.35.

BORATE

High grade 44% Borate. Used to correct boron deficiency in the soil. Can be applied any time from spring to late fall at the rate of 25 to 40 pounds per acre. For grain, should be broadcast, and worked into the soil ten days to two weeks before seeding. Prices: By mail, 5 lbs., \$1.15, postpaid. By freight or express f. o. b. Madison: 100 lbs., \$4.60; 500 lb. lots, \$4.35 a hundred pounds.

ALUMINUM SULPHATE

Used to acidify soils for plants that require an acid soil. 4 lbs. to 100 square feet will acidify the soil one pH. in two weeks time. Prices: By mail, 5 lbs., \$1.15; postpaid. By freight or express f. o. b. Madison: 10 lbs., 90c; 25 lbs., \$1.75; 100 lbs., \$4.50.

AMMONIUM NITRATE

33 1/2% nitrogen. Recommended for top dressing pastures and grasslands. Prices by mail: 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 80-lb. bag, \$4.20.

BONRO PLANT STARTER

A scientific combination of ammonium and potassium phosphates made to give immediate nourishment to promote quick root and foliage growth of transplants. Contains 10% nitrogen, 50% available phosphoric acid and 10% potash water soluble. Three pounds enough for 800 plants. Prices: 3-lb. bag, \$1.00; by mail, \$1.40; 50-lb. bag f. o. b. Madison, \$9.20.

FERRO F. T. E.

(Fritted Trace Element)

This new development brings gardeners trace elements in a safe, slowly soluble form called F. T. E. It contains iron, manganese, copper, zinc, boron and molybdenum. They are slowly released as the plants need them. It is non-toxic and there is no danger from using excessive amounts. Stays in the soil and won't leach out with moisture. Prices: 1 lb. can, \$1.00, by mail \$1.25; 5 lb. bags, \$2.95, by mail \$3.50; 50 lb. bag, \$12.50.



DU PONT SOIL CONDITIONER "W"

Improves Clay Type Soils



A plastic resin type synthetic material that works such wonders on heavy clay type soils. It is of no value on other types of soil. It reduces crust- ing erosion and increases water absorption and retention. Easily applied by dissolving in a sprinkling can using 8 oz. to 100 square feet. Soil should be worked up before applying. Prices: 4 oz. can, \$1.25; 8 oz. can, \$1.95; 2-lb. can, \$6.75, postpaid.



Don't Burn Leaves!

Convert to Plant Food with Active. Active is a multi-use garden-supply item. So versatile it meets some need for every gardener. It has five times as many uses as most compost hasteners. Better than fertilizer.

1. Converts compost quicker, easier, and cheaper. 1 pound treats up to 225 pounds of compost; 20 pounds treats 2 1/2 tons.
 2. Converts garbage into humus, WITHOUT ODOR, in as little time as three weeks.
 3. Activates soils, stretches and improves chemical fertilizer, aids hot beds, reduces odor in outdoor toilets while converting waste into an odorless, ash-like plant food.
 4. Works any month of year. Works even on soot, sawdust, and coal dust.
 5. ORGANIC. (No Chemicals!) Doesn't kill earthworms. Odorless. A composition of nature's own friendly, beneficial micro-organisms.
- Prices: No. 2 size, about two pounds, treats up to 450 pounds, \$1.10; No. 7 size, about six pounds, treats up to 1,700 pounds, \$2.95; No. 20 size, about 20 pounds, treats up to two and one-half tons, \$5.95, postpaid up to 4th zone.

MANNA PLANT FOOD

Your old favorite MANNA, the fast-acting soluble plant food and transplant-starter that's fortified with hormones, vitamins and minerals . . . and grows better plants in sand, cinders, soil or water . . . now packed in a beautiful, washable, durable plastic Florette. Choice of green, yellow, red, black or ivory . . . A genuine bargain: Enough MANNA for 200 qts. liquid fertilizer and 3 1/2" size Florette for only \$1.00, postpaid.



ATLAS FISH EMULSION

The original fish fertilizer emulsion

A complete, balanced 100% organic Plant Food — for indoor, outdoor and greenhouse plants.

ATLAS FISH EMULSION is easily applied. Mix with water. Use sprinkling can or hose applicator. Inexpensive to use. Preferred by experts



PILGRIMS learned from INDIANS to use FISH FERTILIZER

Prices: 4 oz., 35c; pt., \$1.00; qt., \$1.90; gal., \$6.25, postpaid.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

HYPONEX

Grows Better Plants Faster
In SOIL, SAND or WATER

Simply dissolve and water all your houseplants, garden flowers, vegetables, shrubs or lawn. Produces stronger plants, more and larger flowers and fruit. Excellent for starting seedlings, cuttings, transplants. Clean, odorless. Won't burn foliage or roots if used as directed. Contains all nutritional elements complete and balanced—plus vitamin B1—Instantly available. Results sure.



Prices 3 oz. can, 25c; 7 oz. can, 50c; by mail 60c; 1 lb. can, \$1.00; by mail \$1.25.

Olds' Agricultural Chemicals

ALDRIN

An organic insecticide recommended for the control of soil insects such as corn root worms, wireworms, sugar beet root maggot by soil treatment or by application to seed. Aldrin is also one of the most effective insecticides used to control grasshoppers as it works 3 ways: feeding, contact and fumigant. Price: Aldrin Dust, 2½%, 4-lb. bag, \$1.20, plus postage; Aldrin Emulsion, 2 lbs. to gallon, \$5.50 plus postage; weight 10 lbs. to gallon.

ALL AROUND SPRAY

An all purpose spray for flowers, vegetables, and fruits. Carefully formulated multi-purpose product designed to provide with one application the best available protection against both insects and fungi. Suitable for dusting as well as spraying. Prices: 1 lb., \$1.10, by mail, \$1.30.

ALL AROUND BOMB

Self sprayer 10-oz. cans, each, \$1.50, postpaid.

ARSENATE OF LEAD

The widest used arsenical insecticide. Safe on tender foliage for the control of chewing insects on fruit trees, vegetables, tobacco, and many other plants. Prices: 1 lb., 64c; by mail, 85c; 4-lb. bag, \$1.95, plus postage.

DU PONT APHID AND MITE SPRAY

A new emulsifiable insecticide to mix with water and spray on flowers, ornamentals, evergreens, fruits, vegetables, and house plants, which contains 50% Malathion (Malathion), one of the newest insect killers which has been recommended for the control of many hard to kill insects such as red spiders, mites, and plant lice. Price: 1 oz. bottle (makes 4 to 6 gallons of spray), 49c; 4 oz. bottle (makes from 16 to 24 gallons of spray), \$1.25; pint, \$3.25, postpaid.



BORDEAUX MIXTURE

Prevents large losses caused by blight, rot, mildew, scab, anthracnose, etc. Stimulates plant growth, increasing the harvest. Almost every kind of vegetable, fruit, and shrub can be improved by Bordeaux spraying. Prices: 1 lb., 60c, by mail, 75c; 4 lb. bag, \$1.45, plus postage.

BLACK LEAF 40

A powerful contact spray. 1 oz. makes 6 gallons of effective aphid spray. Recommended for aphids, leaf hoppers, young sucking bugs, lace bugs, mealy bugs and most thrip wherever found on shrubs, trees, flowers or vegetables. As it is a poison, it should be handled with care. Especially recommended for killing poultry lice. Apply a few drops on roost with cap brush then smear. Fumes pass upward through the feathers of roosting chickens and destroy lice. Avoids flock disturbance and individual handling. Prices: 1 oz., 39c, by mail, 45c; 5 oz. size, \$1.19, by mail, \$1.25; 1 lb., \$2.69, by mail, \$2.80; 2 lbs., \$4.79, by mail, \$5.10; 5 lbs., \$7.60, plus postage; 10 lbs., \$14.70, plus postage.



CAPTAN (50W)

Captan or Fungicide 406 is a new organic fungicide that offers a combination of advantages never before combined in a single fungicide. It is safe, effective, easy to use, and it improves the storage qualities of the fruit. Highly recommended for the control of Apple Scab. Most effective when used on a protective basis for the control of Apple Scab, but has shown excellent scab control if used within a short time after infection has occurred. A micro-fine wettable powder that goes in a suspension in spray water easily and disperses readily. Used at the rate of 1 to 2 pounds per hundred gallons of water. Prices: 2 lb. package, \$2.25, postpaid. 5 lb. package, \$3.75 plus postage; by freight or express f. o. b. Madison, 50 lb. bag for commercial sprayers and orchardist, \$34.50; 50 lbs. in 5 lb. bags, \$36.00.

COLOR-SET

To control pre-harvest drop of apples. Used at the rate of 1 pint per 100 gallons of water and applied about 3 to 7 days before dropping of apples is expected to start. Some color increase is obtained in certain varieties when applied considerably ahead of harvest. As the result varies depending upon the variety of apple, we recommend you follow the advice of local agricultural authorities in its use. Price: 4 oz. bottle, \$1.00 postpaid.

CARBOLINEUM

Carbolineum kills chicken mites or fowl ticks in poultry houses. Applied once a year, by brush or sprayer, guaranteed to exterminate the mites or ticks and keep them away a whole year. Money refunded if it fails to do it.

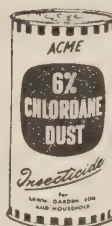
Prices: 1 gal., \$2.00, plus postage. Weight, 10 lbs. to a gal.

CHLORDANE

A most excellent insecticide for dusting in gardens and on lawns to control ants, cutworms, chinch bugs, chiggers, earwigs, slugs, thrip, grasshoppers, snails, sow-bugs, wireworms, white grubs, root infesting maggots, as well as cockroaches, silverfish, carpet beetles, crickets, etc., in the home. Prices: 6% Dust, 1 lb. can, 60c; by mail, 65c; 4 lb. package, \$1.50, plus postage.

40% Chlordane Wettable Powder. Price: 4 lb. bag, \$2.65, plus postage.

40% Chlordane Emulsion. Price: Pint, \$1.00, by mail, \$1.20; gallon, \$6.75, plus postage on 10 lbs.



CRO-TOX

For the protection of seed corn against crows and pheasants. Also effective against gophers and blackbirds. It is non-poisonous and easily applied. Simply mix with the corn before planting. Costs less than 10 cents per acre. Hastens germination and helps to prevent seed rot.

Prices: ½-pt. can, treats one bushel, 60c, by mail, 75c; pint can, treats two bushels, \$1.00, by mail, \$1.15; quart can, treats four bushels, \$1.75, by mail \$2.00.

COPPER-A

Safer to use than Bordeaux mixture on copper sensitive plants. It can be used either as a spray or dust. Effective in the control of leaf-spot diseases, including leaf blight on tomatoes, both in the seed bed and field. Price, 6-lb. package, \$2.95, plus postage.

DIELDRIN 15 PER CENT

Sensational control of lawn insects and many others in gardens, gardening soil and household. Controls ants, chiggers, white grubs, and others. In gardens and gardening soil, for cutworms, wireworms, earwigs, slugs and others. Also household pests such as roaches, silver fish, carpet beetle, box elder bugs and many others. Widely used for the treatment of seed against soil insects. Prices: 8-oz. bottle, \$1.25, postpaid; gallon f. o. b. Madison, \$8.55. If wanted by mail add postage for 10 pounds.



DOGZIX

Protects shrubs, evergreens and plants from dog annoyance. Simply spray on lower branches and soil. Harmless to pets and plants. Dogs are animals of habits. Correct their habits with Dogzix. 6-oz. bottle treats fifty trees.

Prices: 3-oz. bottle, 50c; 6-oz. bottle, 75c, postpaid; 16-oz. bottle, \$1.25, by mail, \$1.45.



5% DDT DUST

A ready-to-use dust for home gardens, containing 5% DDT. Effective as a powerful insecticide. Widely used for dusting gladioli bulbs in storage to control thrip. Particularly effective on rose chafer, leaf hopper, and corn ear worm. Dust or spray. Prices: 1 lb. sifter, 50c, by mail, 70c; 4 lbs., \$1.20, plus postage.

50% WETTABLE DDT

A wettable powder especially prepared to mix readily with water for spraying. It can be used on crops, in buildings, or on animals except dairy cattle. Do not use on vine crops as insects are needed to pollinate the blossoms. Prices: 1-lb. carton, 90c, postpaid; 4 lbs., \$2.20, plus postage.

DIMITE

For Control of Mites.

We recommend this to control mites on Delphinium and other flowers and red spiders on plants and evergreens. Kills mites quickly and gives protection for several weeks. Price: 2 oz. bottle, makes 12 gal. of spray, 69c; 8 oz., \$1.89, postpaid. Qt., \$2.75, by mail, \$3.10.

EVER GREEN SPRAY

A safe pyrethrum base insecticide. Highly concentrated, odorless, contact insecticide for control of aphids, leaf hoppers, and many other soft-bodied insects. Easy to use. Does not harm tender plants. One ounce makes 6 gallons of spray for aphids. Prices: 1-oz. size (makes six gallons of spray), 35c; 6-oz. size, \$1.15; 16-oz. size, \$2.45, by mail, \$2.65.



DU PONT

DAIRY BARN SPRAY

A product tailor made by Du Pont for the dairy man. It is a combination of two powerful insecticides, methoxychlor and lindane. It is quick killing because it has both fumigating and fast contact action. Will kill house flies and many other insects as long as 6 to 8 weeks after one application. Both the ingredients used in dairy barn spray are approved by the U. S. D. A. Four-pound bag will make twelve gallons of spray or enough to treat 6,000 square feet of barn surface. Prices: 1 lb. can, \$1.60, by mail, \$1.80; 4 lb. bag, \$4.75, plus postage.



DU PONT DAIRY CATTLE SPRAY

A methoxychlor product to take the place of DDT for the spraying of cattle. Similar to Marlato, but available in smaller size packages. Prices: 1 lb. can, \$1.10, by mail, \$1.30; 4 lb. bag, \$3.20, plus postage.

ENDOTHAL

Chemical Harvest Aid for Legume Seeds

Endothal is a liquid spray formulation designed to make your harvest of non-food seed crops easier and more profitable. It acts as a chemical frost, stopping plant growth and drying out the plant and seed. Permits earlier harvesting, eliminates necessity of windrowing thus reducing seed losses by shattering due to adverse weather conditions and other factors. Test in check plots gave as much as a 100 per cent increase in clean seed yields. One gallon makes sufficient spray material when mixed in water for one acre. Prices: By freight or express f. o. b. Madison, 5-gal. drums, \$19.50; 54-gal. drums, \$175.50. Orders for 25 gallons or more will be shipped prepaid.

DU PONT FLORAL DUST

Developed to insure flower growers a safe, preventive product that would keep harmful insects and fungus diseases from ever getting a foothold in the garden. Contains four proven pest killers—Rottenone, Methoxychlor, Sulfur, and Fermate. Start applications of Floral Dust early, and keep plants protected throughout the season. Prices: 8-oz. gun, 98c, postpaid; 1-lb. carton, \$1.25, by mail, \$1.40.



DU PONT FRUIT TREE

For The Man With A Few Fruit Trees

The all in one fruit tree spray. Recommended for control of many insects and fungous diseases affecting apples, peaches, cherries, pears, plums, apricots, quince, strawberries, currants, gooseberries. Specially formulated for spray application. Price: 1-lb. pkg., \$1.25; by mail, \$1.45; 3-lb. bag, \$2.75, plus postage.



FORMALDEHYDE

For preventing smut in grain, scab on potatoes. 1 lb. (treats 40 bushels), 35c, postpaid.

FERMATE

A non-caustic fungicide non-russetting on apples and pears. Favored by many growers for use on apples, pears, cherries, cranberries, celery, tomatoes, and other crops. Effective against many diseases and safe on a wide range of plants. Used as a spray or dust. Prices: 8-oz. pkg., \$1.00, postpaid; 3-lb. bag, \$2.15, plus postage.



KRENITE 26

A water soluble dinitro spray which is used for blossom thinning and for dormant spray to control various over-wintering insects and fungus diseases such as certain aphids, tent caterpillars, some scale insects, peach leaf curl, spur blight and anthracnose on raspberries and sooty blotch on pears. It is also used to reduce over-wintering spores of apple scab and cherry leaf spot in dead leaves as a ground spray. Price: 1 gallon can, \$3.45, plus postage. Wt., 10 lbs. gal. For insect control usually used at the rate of ½ gallon to 100 gallons of water.

LARVACIDE

Protect your stored grain by fumigating with LARVACIDE, the easy, effective, economical fumigant. Requires only three fluid ounces for one hundred bushels. Dispenser type bottle easily applies material in the surface of the grain. Also used for the control of rats, mice, and other rodents. Write for free bulletin on the fumigation of grain with LARVACIDE. Price, by express f. o. b. Madison (not mailable): 1 lb. dispenser bottle with complete directions for use, each, \$1.95.

LIME SULFUR

A standard 33° Baume lime and sulphur converted into a dry powder having all the effectiveness of a liquid product when dissolved in water. For dormant spraying against scale, peach blight, leaf curl, and twig borer. For summer spraying against scab, soot, blotch, red spider and mite. Prices: 1 lb., 75c, by mail, 90c; 5-lb. can, \$3.10, plus postage; 100 lbs. in 12½-lb. bags, \$25.00, f. o. b. Madison.

LIQUID LIME SULPHUR

50 gal. bbl., \$16.00 f. o. b. Madison

5% LINDANE SPRAY

Lindane kills three ways: by contact, vapor, and internal poison. A super killing insecticide for fast control of aphids, thrip, plant bugs, caterpillars, and most all common beetles and bugs infesting azaleas, roses, other flowers, shrubs, vines, fruits and vegetables. Also used with dairy cattle and barn sprays for quick knock-down kill of flies. Prices: 4 oz., 75c; pint, \$2.40, by mail, \$2.60.

25% LINDANE WETTABLE POWDER

A wettable powder that will mix readily with water for spraying certain vegetable crops, (Spinach, Cucurbits, Celery, Cole Crops) and widely used for livestock and farm buildings. Price: 1 lb., \$2.20, by mail, \$2.40.

GOOD-RITE NO NIB'L

Rabbit Repellent

Used to protect crops and ornamental plants from the feeding damage of rabbits. Works on the principle of taste repellency. Rabbits do not like the taste of foliage or plants protected with this material. An effective and positive protection. Can be used as a dust from the shaker top container or mixed with water. Six ounces will make 2½ gallons of spray. Price: 6 oz. pkg., 98c, postpaid.



KILLS THE MOLES IN THE GROUND NO TRAPS—NO GAS NO EXPOSED POISON

Use according to the simple instructions with each package. Guaranteed to kill the moles or purchase price will be refunded. To quickly eradicate the entire family of moles place these pellets in all visible runways at intervals of two feet. Moles readily seek these pellets, eat them and die. These pellets, if placed around the edge and throughout a freshly made flower bed, will eliminate the loss of bulbs or plants. Prices: 35-pellet pkg., 30c; 75-pellet pkg., 60c; 185-pellet pkg., \$1.00; 875-pellet pkg., \$3.25, by mail \$3.50, postpaid.

DU PONT MARLATE 50

Developed to take the place of DDT for spraying cattle and barns, for the control of flies, mosquitoes, fleas, cockroaches, etc. It contains 50 per cent Methoxychlor, which is comparatively safe to use and non-toxic. One application on animals normally lasts three to four weeks, and on buildings approximately two months. One pound will treat about thirty-two head of cattle. Prices: 8 oz., \$1.00, postpaid; 4-lb. package, \$3.20, plus postage.

DU PONT MARLATE 2 M. R.

A liquid 24% Technical Methoxychlor for use on certain crops such as alfalfa and clovers for control of leafhopper, alfalfa weevil, caterpillar, webworm, etc. Requires 2 to 3 qts. an acre. Also used on grain storage bins and live stock. Prices: Gal. can, \$4.35, plus postage. 5 gal., \$4.05 per gal., plus postage. Wt. 10 lbs. gal.

DU PONT MANZATE

An organic fungicide that is giving outstanding control of both early and late blights on potatoes and tomatoes. It simplifies the spray program as it provides control of all the principal fungous diseases affecting these crops. Mixes easily and sticks to foliage. 1½ to 2 pounds makes 100 gals. of spray. Prices: 3 lb. bag, \$3.70, plus postage.

MALATHION

Related to Parathion and Tepp but has the advantage of more rapid disappearance thus reducing the residual hazard, permitting closer to harvest applications. It seems to work effectively on insects resistant to D. D. T. For fly control in dairy barns and around buildings which house domestic animals. Effective as a control for red spiders, mites and aphids. Prices: MALATHION 5% DUST: 1 lb. sifter top 75c, by mail 95c; 4 lb. bag \$1.68 plus postage. MALATHION 25% WETTABLE POWDER: 4-lb. bag, \$3.75, plus postage.

MALATHION SPRAY CONCENTRATE: (4 lbs. Malathion per gallon) oz. 50c, postpaid; pint, \$2.50, by mail, \$2.80; gallon, \$15.45, plus postage. Weight, 9 lbs. to gallon.

DU PONT PARZATE

A fungous disease control chemical which protects a wide range of vegetable, ornamental and tobacco plants without burning. Frequently will do alone what formerly required combinations of chemicals. Outstanding for early and late blight of tomatoes and potatoes. 3 to 9 teaspoons makes a gal. of spray.

This material in a small package is called Fungicide A. Price: 6 oz. can Fungicide A, 85c postpaid; 3 lb. bag Parzate, \$2.75 plus postage.

RED RIVER POTATO MIX

Dust or Spray. A scientific formula combining a patented copper fungicide with quick-killing arsenic and DDT. Kills potato bugs quicker—drives off flea beetle and leaf hopper—prevents blight—stimulates foliage. Get top prices for your harvest. Prices: 1-lb. bag, 85c, by mail, \$1.05; 4-lb. bag, \$2.75, plus postage.

ROTENONE GARDEN GUARD

For use as a spray or dust. Non-injurious to humans and warm-blooded animals, yet effective both by contact and as a stomach poison against an exceedingly wide range of insects. It is especially recommended for use on broccoli, cabbage, cauliflower, brussels sprouts, and string beans (Mexican Bean Beetle). A favorite of the housewife for the rose and flower garden. Price: 1-lb. sifter carton, 50c; by mail, 65c.

ROTENONE DUST

Kills by both contact and stomach action. Its highly toxic non-poisonous ingredients are thoroughly dispersed and inter-mixed to give a perfectly uniform material. Prices: ¼%, 5 lbs., \$1.10, plus postage; by freight or express f. o. b. Madison: 1%, 50-lb. bags, \$7.50.

ANIMAL REPELLENT ROPE

A rope that absorbs about its own weight of repellent fluid is used. Odor is repugnant to a wide range of animals. Non-poisonous. Just make a circle around the flower bed, tree, or bush at edge of the sod and peg to the ground. In the garden it can be stretched between stakes. Price: 100 ft. roll, \$1.50, postpaid.

ROSE INSECTICIDE AND FUNGICIDE

Here is the answer to leafspots, blight, insects, and rusts that are persistent trouble to rose gardeners. Whether they have one bush or many they will welcome this product developed by Du Pont pest control laboratories for roses, snapdragons, carnations, etc. Used as a dust or spray. Prices: 8-oz. gun, \$1.29; 1-lb. sifter top can, \$1.69, postpaid.



DU PONT DORMANT SPRAY OIL

Scale insects cause extensive damage on ornamentals, fruit and shade trees. For the control of many of these pests, we recommend Du Pont Dormant Spray Oil before foliage appears. 1 quart makes 8 gallons of spray for fruit and shade trees. Price: 1 quart can, \$1.25; by mail, \$1.45.

DU PONT SPREADER STICKER

A combination wetting, spreading, and sticking agent that greatly increases the efficiency of all sprays. 1 to 4 ozs. used to 100 gallons of spray. Prices: Pint bottle, \$1.20, by mail, \$1.30.

WETTABLE DUSTING SULPHUR

An improved dusting sulphur for home use which can also be used as a liquid spray. Controls red spiders on evergreens, and mildew, leaf spot, black spot, and rust on rose bushes, chrysanthemums, snapdragons, carnations and certain other foliage. 98% passes through a 325-mesh screen. An excellent chigger chaser. Prices: 2-lb. sifter carton, 65c; by mail, 85c.

WETTABLE SULPHUR

(Sulfuron X Micro-fine)
A micro-fine wettable sulphur widely used on fruit trees either alone or in combination with other sprays. Prices: 5 lb. bag, 80c, plus postage; 50 lbs. or more by express or freight f. o. b. Madison, 13c a pound.

TRI-GEN

The original Rose Garden Spray Treatment for the control of many insects and fungus pests. Black spot and powdery mildew are controlled by the use of TRI-GEN. TRI-GEN also tends to stimulate healthy plant growth. It is economical, easy to use and a great labor-saver because you need only TRI-GEN to give your roses the best scientific treatment. Now contains Fer-mate for a fungicide. Prices: Kit A, protects 10 roses per season, \$1.50, by mail, \$1.70; Kit A, protects 20 roses per season, \$2.35, by mail, \$2.65; Kit B, protects 60 roses per season, \$6.00, by mail, \$6.40; Kit C, protects 150 plants per season, \$9.00, by mail, \$9.50.

TRI-GEN DUST

For those who prefer a dust to liquids. Price: 1-lb. sifter top, \$1.19, by mail, \$1.30.

DU PONT TOMATO DUST

For the control of tomato blights and insects. Combines the safer insecticide, methoxychlor with Copper A, used as a dust or spray. Price: 8-oz. gun, 89c; 2-lb. bag, \$1.25, plus postage.

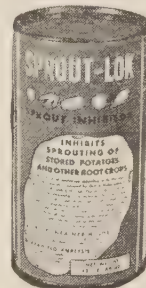


SPROUT-LOK

Stops Sprouting in Storage

A chemical that when dusted over potato tubers when they are placed in storage in the fall at the rate of 12 ounces to nine bushels will keep them from sprouting. The harmless chemical vaporizes and comes in direct contact with the potato eye. Not effective if applied after the tubers have sprouted. Spread the tubers in layers and dust the tubers as they are loaded into the bin or dust cellar through a chute. Do not use on seed potatoes.

Prices: 12 oz. sifter top can treats nine bushels, each, 90c; by mail, \$1.10, postpaid.



BARTLETT TREE PAINT

Black antiseptic tree paint that holds its liquid consistency under freezing temperatures. Contains ingredients only helpful to healing of tree wounds. Prices: ½ pt. can, 75c, by mail, 85c; 1 pt., \$1.10, by mail, \$1.25; 1 qt., \$2.00, by mail, \$2.30.



TURF FUNGICIDE TERSAN 75

This fungicide assures a beautiful lawn by controlling ugly Brown Patch, Dollar Spot and Snow Mold. Safe to use, will not shock or discolor grass or retard growth. Prices: 5½ oz. can, \$1.00, postpaid; 3 lb. pkg., \$6.75, plus postage.



VIOL-GEN KIT

Every grower of African violets needs one of these kits containing four handy specifics for the proper culture of African violets: 1. Rooting medium for quick, vigorous starts; 2. Plant food for stimulation; 3. Potting mixture of balance, ready-to-use soil; and 4. Spray to kill hard-to-see pests. Price, kit: \$2.95, by mail, \$3.25.



DU PONT VEGETABLE DUST

A multi-purpose garden dust designed for effective control of many insects and diseases common to the home garden. The active ingredients are methoxychlor, which is safer to use than DDT, Rotenone, and Parzate. It can be used on a wide range of vegetables including cucumbers, melons, squashes, and other common garden produce, and can be applied up to the time the vegetables are harvested. Very effective against late blight of tomatoes. Prices: 8-oz. gun, 98c; 1-lb. can, \$1.25, by mail, \$1.35.



Z. I. P. Deer and Rabbit Repellent

A product of the Goodrich Rubber Company. Comes in liquid form and is used to prevent deer and rabbit damage to orchards, nursery stock, forest seedlings and certain row crops. It contains a sticker for weather resistance and long lasting protection. It works under the principal of taste repellency. During the growing season it is mixed 2½ gallons to 100 gallons of water and applied at the rate of 25 to 50 gallons per acre. In the dormant season 4 gallons is mixed with 100 gallons of water applied in late fall or early winter. Shipping weight, 9 pounds to the gallon. Prices: 1 gallon, \$7.20, plus postage.

L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN



DU PONT LAWN WEED KILLER

Contains 2,4-D Amine, a recommended chemical for controlling dandelions, plantain, and other wide leaf plants in the lawn without injury to grass. Price: 8 oz. can, \$1.00, postpaid; 32 oz. can, \$2.95, by mail, \$3.25.

DU PONT P C CRAB GRASS KILLER

Contains potassium cyanate which is recommended by lawn care specialists to control crab grass and chickweed at any stage of growth in the lawn. It is easy to spray, non-toxic, non-corrosive. Will brown the grass for a short period of time. Price: 7½ oz. bottle, \$1.00, postpaid; 30-oz. bottle, \$2.95, by mail, \$3.25.

DU PONT BRUSH KILLER

2,4-D-2,4,5-T ESTER

This product is a standard half and half formulation of 2,4-D and 2,4,5-T Esters containing 2 lbs. of acid equivalent of each acid. Soluble in oil and emulsifiable in water. Recommended for foliage spraying, stump treatment and basal stem treatment. Price: gallon, \$9.45, plus postage; 5 gallons, \$9.25 per gallon, plus postage. Weight 9 lbs. to gallon.

CYANAMID

A 20.06 per cent Nitrogen lime fertilizer which is used as a fertilizer and for the control of weeds. Especially good to control weeds in asparagus at the rate of one pound to thirty feet of row. As a fertilizer it is worked in the soil ahead of planting. For top dressing on fruits and grasses the application is made during the dormant season in late fall or early spring. Prices: By mail, 5 lbs., \$1.25, postpaid. By freight or express f. o. b. Madison: 25 lbs., \$2.00; 100 lbs., \$6.00.

KARMEZ W

A general herbicide to control weeds around barns, silos, grain storages, machinery sheds and in irrigation and drainage ditches. Applied at the rate of 20 to 80 pounds per acre. Also, where loss of soil productivity is justified for an extended period, for spot treatment of deep rooted perennial weeds such as field bindweed, Canada thistle and Johnson grass. Excellent to control growth under fences. May be applied at any time of the year if there is adequate moisture in the soil. Prices: 2-lb. pkg., \$9.10; 10-lb. pkg., \$40.50, postpaid.

TELVAR W

Widely used by industry to keep ground bare of vegetation for a prolonged time eliminating fire hazards. It is a chemical powder, which is mixed with water and applied at the rate of forty pounds per acre or a half cup per 100 square feet. Readily mixes with water, non-flammable, non-volatile and safe with equipment. Has low toxicity. Prices: 2-lb. pkgs., \$7.80; 10 lbs., \$35.50, postpaid.

CHEMICAL SEED DISINFECTANTS

DU PONT ARASAN

An effective dry seed disinfectant and protectant for destroying many surface seed-borne organisms and protecting the seed against certain soil-borne organisms responsible for seed decay. Usually improves stand of seedling and frequently increases yield of quality crops. Prices: ¾-oz. pkg., 25c; 8-oz. can, \$1.00; 2-lb. can, \$3.20, postpaid; 10 lbs., \$11.50, plus postage.

DU PONT DUSTLESS ARASAN SF-X

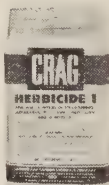
A formulation of "Arasan," which is recommended for such crops as Corn, Sorghums, Peanuts, Vegetables, Grasses, and Legumes. This new material is dustless and can be used either in the slurry type treater or seed blender. It is economical to use, adheres well and is not injurious to seed even when used excessively. Flying dust is eliminated both when treating the seed, and repackaging or handling treated seed. Arasan SF-X goes into suspension readily and will resuspend quickly and easily. Farmers will find that seed treated with this new product has good plantability without the use of any lubricants and will be dust-free when planting. The recommended rates are as follows: Hybrid corn, ½ ounce per bushel; sweet corn, 1½ ounces per 100 lbs.; sorghums, 1½ ounces per bushel; soy beans and peas, 1 ounce per bushel; grasses and legumes, ¼ lb. per 100 lbs. of seed. Prices: 5½ oz. can, \$1.00, postpaid; by freight or express f. o. b. Madison: 25-lb. drum, \$45.00; 100 lbs., \$172.50.

HYBRID SEED CORN GROWERS. Write for special prices on Seed Disinfectants.

CRAG HERBICIDE—1

Kills weeds as they germinate

Save work and keep your garden neat by preventing weeds from growing. Crag Herbicide No. 1 destroys weed seeds as they germinate. Apply before planting on newly cultivated soil or before weeds are larger than ¼ inch. No worry about drift damage to sensitive plants. Simply spray uniformly over soil at rate of 2 to 3 lbs. in 30 gal. of water to an acre. Excellent for strawberries, asparagus and gladiolas. Application lasts 3 to 6 weeks. Prices: 4 oz., treats 3,000 sq. ft., \$1.50; 2 lbs., \$6.10, postpaid.



CYANATE WEED KILLER

Post-emergence Cyanate spray applications kill most annual weeds when they are small. There is no soil toxicity hazard as the chemicals break down into fertilizer materials. Always apply when the weeds are small. Three to five sprays will usually control weeds up to harvest. Should always be applied when the weeds are dry. Safe to use and presents no fire hazards. Also very effective in controlling weeds in gladioli. Non-corrosive to equipment. With small onions use five pounds per acre with 80 gallons of water. Large onions, ten pounds per acre with 80 gallons of water.

This is the active ingredient that is largely used in chemical crab grass killers. Active ingredient 91%. On old crab grass, one half to three fourths ounce to a gallon is sufficient. Prices: 6 lb. can, \$6.00, plus postage. By freight or express, f.o.b. Madison: 40 lb. pail, \$30.00.

MH-40 DESTROYS QUACK GRASS

Maleic Hydrazide is a new chemical development which in experiments appears to be valuable in a number of ways. It is being used as a pre-harvest spray on onions and potatoes to delay their sprouting in storage. Sprayed in the Spring on grass along walks, flower beds, and fences, it will retard the growth of the grass eliminating trimming for 3 or 4 months. A very important use for this chemical is for the eradication of quack grass without injury to the soil. It is sprayed on the quack grass at the rate of ¼ lb. a 1000 sq. feet after it shows four inches of growth in the Spring and then in 3 to 8 days spaded or plowed under. Ask for free folders. Price: 4-oz. package, \$1.95; 1 lb. package, \$5.00, postpaid.

SODIUM CHLORATE

For weed eradication on farms such as quack grass, Canada thistle, etc. Temporarily sterilizes the soil but it is one of the best killers of quack grass. Price: By freight f. o. b. Madison: 100-lb. drums, \$14.00 each, subject to change.

AMMATE WEED KILLER

Ammate is based on ammonium sulfamate and is free from fire or explosion hazards. The residue left on areas treated with Ammate is not poisonous to humans, pets or livestock. Especially effective against poison ivy, poison oak, poison sumac, chokecherry, ragweed, Canada thistle, bull thistle, sow thistle. Use at ¾ lb. to 1 lb. per gallon of water to control above named weeds. Prices: 2-lb. pkg., \$1.15; by mail, \$1.45; 6-lb. pkg., \$2.95, plus postage. By freight or express f. o. b. Madison: 75-lb. bags, \$16.00.



DU PONT 2-4-D AMINE

Recommended for low gullage application of 10 gal. or less per acre for control of many weeds in growing crops. Contains 4 lbs. of 2-4-D acid equivalent to each gallon. Mixes easily in both soft and hard water or oil carriers. No nozzle clogging sludge, even in cool weather. Price: gal., \$4.50, plus postage; 5 gal., \$4.30 gal., plus postage. (Wt. 9 lbs. to gal.)

DU PONT 2-4-D ESTER

An oily concentrated liquid form of 2-4-D for either high or low gullage application. One gallon contains 3.34 lbs. 2-4-D acid equivalent. Easily mixed in both hard or soft water. Price: Gallon, \$4.50, plus postage. Weight 9 lbs. to gallon; 5 gallons, \$4.30 per gallon, plus postage.

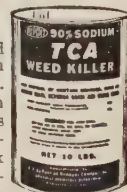
MCP AMINE

Similar to 2-4-D in its effect on weeds and most crops, but used with greater safety on such 2-4-D sensitive crops as flax, certain small grains seeded to red or ladino clover. Highly soluble in water. Prices: Gal., \$14.30, plus postage; 5 gals., \$70.50.

T. C. A. WEED KILLER

(90% SODIUM)

90% Sodium T. C. A. Weed Killer is based on the sodium salt of trichloroacetic acid. Used for the control of certain weeds and noxious grasses such as Johnson grass, Bermuda grass, Quack grass, Fox Tail, and Crab grass. Recommended for local infestations in crop lands and in general application on non-crop lands. Must be used with care as it will inhibit seed germination and plant growth temporarily for sixty days or longer depending on soil conditions. Prices: 10 lb. can, \$5.80, plus postage. By express f. o. b. Madison, 50-lb. drums, \$24.00 each.



DU PONT CERESAN M

Ceresan M protects the crop against many important diseases caused by organisms carried on the seed and in the soil. Generally controls covered smut, black loose smut and stripe of barley; oat smuts, and wheat seed-borne, the new oat blight (Helminthosporium blight); stem and covered smuts of rye; loose and covered kernel smuts of sorghum; seed-borne stinking smut and seed blighting blight of wheat; and reduces infections arising from surface seed-borne antracnose. It also usually reduces decay and damping-off of seed grains, flax, peas, and sugar beets, improving stands and yields. Will not reduce planting rate or damage drill. Ceresan is easily applied to the seed with a Seed Treater. The treating of your seed grain is not an expense, but an investment. Just a few cents an acre can assure you better returns, better quality, and up to 20 per cent higher yields. Prices: 14-oz. can (treats 28 bu.), \$1.60, postpaid; 3-lb. can, \$4.45, plus postage. By freight or express f. o. b. Madison: 40-lb. drum, \$44.95; 100 lbs., \$106.60. Sizes and prices subject to change.

CERESAN M 2X

The double strength Ceresan M for use in the slurry type treater. It is non-dusting, adheres tightly to seed. Doesn't dust off when treated seed is handled. Packed in a 5 lb. can which includes a separate container of specially formulated sticking agent. Cost per bushel of treated seed is the same as with Ceresan M. Price: 5-lb. can, \$10.70, postpaid.



I. AND D. SEED PROTECTANT

Protects seed from certain insects such as wire worms and seed corn maggot and from seed borne diseases at planting time. Contains Arsan S. F. X. seed disinfectant and Lindane. It is mixed with water at the rate of 7 oz. to 1 quart which is sufficient to treat 4 bushel of seed. Complete instructions on label. Price: 7 oz. can, \$2.00, postpaid.



DU PONT LIQUID 364

Seed Disinfectant for Slurry Treators Controls soil-borne and certain seed-borne diseases of wheat, oats, barley, rye and flax. When applied as directed it will generally improve stands by preventing seed decay and by reducing seedling blights caused by seed-borne and soil-borne organisms. Prices: 5-gal. drum by freight or express f. o. b. Madison, \$46.60.

DU PONT LIQUID 244

Seed Disinfectant for Ready Mix Treators A liquid type of seed disinfectant used in ready mix (fully automatic treaters). When applied as directed it will control soil-borne and seed-borne diseases of wheat, oats, barley, rye and flax. It usually improves stands by preventing seed decay and by reducing seedling blights caused by seed-borne and soil-borne organisms. Prices: 5-gal. drum by express or freight f. o. b. Madison, \$48.90.

NEW IMPROVED CERESAN

An organic mercury compound soluble in water, which is highly effective in the treatment of gladiolus bulbs to prevent rots, particularly basal rot. Bulbs are treated by dipping in the solution. Price: Lb. can, \$1.60, postpaid.



APPROX. 70,000,000 LBS. OF AIR-NITROGEN
ABOVE EVERY ACRE. THIS IS AVAILABLE
FREE FOR SOIL AND CROP IMPROVEMENT IF YOU
**CONVERT LEGUME SEEDS
INTO FERTILIZER PLANTS**

Inoculating by with
NITRAGIN

ALFALFA
RED CLOVER
SWT. CLOVER
COWPEAS
PEAS
VETCH
A. W. PEAS
SOYBEANS
LESPEDEZA
PEANUTS
BEANS
ALL LEGUMES

BUILD UP YOUR SOIL Inoculate Your Legumes With NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

ALFALFA AND CLOVERS

| Size | Retail |
|----------------|--------|
| 1 bu. ea. | \$.55 |
| 2 bu. ea. | .95 |

PEAS (All Varieties) VETCHES (All But Crown)

| | |
|-----------------------|--------|
| 100 lb. size ea. | \$.50 |
|-----------------------|--------|

BEANS—Navy, Pinto, Wax, String, Kidney, Gr. Northern

| | |
|----------------|-------|
| 1 bu. ea. | \$.55 |
|----------------|-------|

PEANUTS, COW PEAS

| | |
|-----------------------|--------|
| 100 lb. size ea. | \$.50 |
|-----------------------|--------|

SOYBEANS (All Varieties, Including Edible)

| | |
|-----------------|-------|
| 2 bu. ea. | \$.40 |
| 5 bu. ea. | .60 |
| 25 bu. ea. | 2.70 |

LESPEDEZA—Hulled or Unhulled

| Size | Retail |
|-----------------------|--------|
| 100 lb. size ea. | \$.55 |

GARDEN SIZE Garden Peas and Beans Sweet Peas, Lupines, Lima Beans and Edible Soybeans

Enough for 8 lbs. seed
Retail Price 15c each.

BIRDSFOOT Trefoil,— Broadleaf and Narrowleaf

| | |
|------------------|-------|
| 4 lb. ea. | \$.15 |
| 1/2 bu. ea. | .40 |

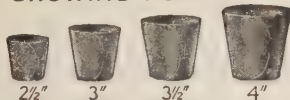
SPECIAL CULTURES—

Give name of seed when ordering. Big Trefoil, Crown Vetch, Kudzu, Garbanzo (Chick Pea), Lima Bean, Sanfoin, Sesbania, Astragalus Sp. (Milk-vetch), Leucaena glauca. Others upon request.
1/2 bu. ea. \$.18
1 bu. ea.65

NITRAGIN—Oldest and Most Widely Used Inoculator in America

VITA GROWING POTS

A great improvement over the old green growing pots as the water proof paper is nutrient treated, the same as the Vita Plant Bands. They are light, unbreakable, and will not rot, weighing only one-tenth as much as the clay pots and require less water.



| | By Mail | Wt. per | Madison |
|-----------------|---------|---------|-----------------|
| | 25 | 100 | 1,000 |
| 2 1/2-inch | \$0.80 | \$2.35 | 22 lbs. \$15.50 |
| 3-inch | .90 | 2.70 | 28 lbs. 17.40 |
| 3 1/2-inch | 1.05 | 3.20 | 39 lbs. 22.70 |
| 4-inch | 1.20 | 3.60 | 52 lbs. 25.70 |

PAINTED WOOD GARDEN LABELS

For marking varieties and labeling plants and bulbs.

| | By Mail | Wt. Per | F.O.B. |
|------------------------------|----------|---------|----------------|
| | Postpaid | Madison | Madison |
| | 25 | 100 | 1,000 |
| 3 1/2 x 1/2 | \$0.25 | \$0.50 | 2 lbs. \$ 3.25 |
| 4 x 3/4 | .25 | .50 | 5 lbs. 3.25 |
| 6 x 3/4 | .35 | .60 | 8 lbs. 4.50 |
| 8 x 3/4 | .45 | 1.20 | 20 lbs. 8.40 |
| 10 x 3/4 | .55 | 1.50 | 26 lbs. 9.60 |
| 12 x 1 1/4 | .75 | 2.10 | 42 lbs. 16.00 |
| 3 1/2-inch wired labels | .25 | .55 | 4 lbs. 4.20 |

GRAFTING WAX

Our grafting wax, which is put up in handy cake form, is endorsed by the best authorities in horticulture for grafting, budding, etc., on all fruit and ornamental trees, shrubs, and vines. Price, 1/4 lb. cake, 50c; 1/2 lb. cake, 75c, postpaid.

Please Note: Postage table for figuring postage on items priced, plus postage will be found on the order blank.

stikit wicket
REG. U.S. PAT. OFF.
the modern
fencing



PROTECTS AND BEAUTIFIES

\$2 40
THE DOZEN

In cartons of two dozen (makes 24 feet of fence) 1/4" steel enameled green
Prices: 1 doz., \$2.40, plus postage; 2 doz., \$4.75, plus postage. (Wt. 9 lbs. per doz.)

TRAIN-ETTS



**NEW!
DIFFERENT!**

Weatherized TRELLIS NETTING

Ideal Support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES
Grows finer, larger flowers and vegetables. Hung with ease in 5 minutes; no fuss or bother. Use instead of string or wire. (Wire in sun burns delicate tendrils.) Doesn't rot like string—lasts several seasons. In 3 sizes: No. 1, 60x72 in., 65c; No. 2 60x96 in., 85c; No. 3, 60x180 in., \$1.25, postpaid.



ALL RUBBER CUSHION KNEE PADS

A practical, serviceable, comfort giving knee cushion. Constructed of solid rubber with sponge rubber interior. Has adjustable straps embedded completely within the rubber. Prevents moisture from penetrating clothes and provides added life to overalls and work clothes. Will not slip down when walking. Highly practical for berry pickers, gardeners, concrete workers and in the home for painting, varnishing and scrubbing floors. Price: \$2.30 a pair, by mail, \$2.50, postpaid.

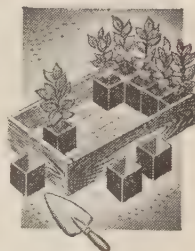
PLASTIC GARDEN HOSE

SUPPLEX PLASTIC HOSE. Here is a plastic hose that weighs only a third as much as the ordinary type, and can be left out in the weather without injury. The hose consists of two compounds. The inner compound is the best combination for low temperature and flexibility. The outer ply is compounded for maximum resistance to sunlight, weather, and abrasion. Built to stand the roughest and toughest use. Ten year guarantee in writing.
No. 92A. Price: 50-foot length, (Wt. 7 lbs.), \$8.95, plus postage.
No. 93A. 25 foot length. (Wt. 3 1/2 lbs.), \$5.15, plus postage.

VITA PLANT BANDS

Superior to the lightweight Ds, as they will not disintegrate when plants are handled several times. They must be removed when setting plants in the field by tearing band along one corner.

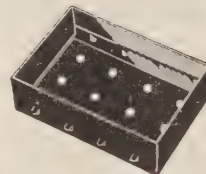
These bands contain an exclusive balanced plant food which feeds your plants on time—all the time. Designed to give surer and better results to the home gardener growing transplants. Promotes vigorous well balanced growth. Eliminates transplanting shock. Retains moisture, reducing drying out hazards. Sets up quickly. Easy to use.



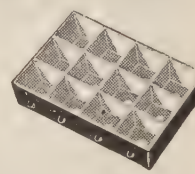
| Vita Band "10" | 50 | 100 | Wt. per | 1,000 |
|-----------------------|----------|----------|---------|---------|
| Size | Postpaid | Postpaid | 1,000 | Madison |
| 1 3/4 x 1 3/4 x 2 1/2 | \$.070 | \$1.10 | 18 lbs. | \$4.00 |
| 2 x 2 x 2 1/2 | .75 | 1.20 | 20 lbs. | 4.55 |
| 2 x 2 x 3 | .80 | 1.30 | 24 lbs. | 5.05 |
| 2 1/2 x 2 1/2 x 3 | .90 | 1.50 | 30 lbs. | 6.00 |
| 3 x 3 x 3 | .95 | 1.65 | 35 lbs. | 6.90 |

Grow Plants with Ease—Use

TOM THUMB FLATS AND BANDS



Without Bands

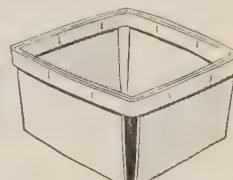
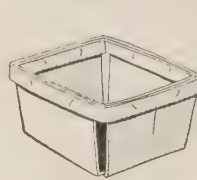


With Bands

These flats are made of heavy waterproof fibre resinous material. With each flat there are 12 Vita Bands "10's." Grow your own plants which are easy to transplant without root shock. Plant growers will build repeat business when they sell their plants in these flats. Available in two sizes, No. 1 has 1 1/4-inch bands and the No. 2, 2-inch bands. Specify size when ordering. Growing instructions included with every order. Prices, each, 30c; 5 for \$1.25; 10 for \$2.00, postpaid.

By freight or express, f. o. b. Madison: No. 1 size, \$9.50 a hundred; \$86.45 per thousand; No. 2 size, \$10.80 per hundred; \$95.65 per thousand. Shipping weight, 450 pounds a thousand.

Flats only, without bands. Prices f. o. b. Madison: No. 1 size, 100, \$5.00; 1,000, \$44.70. No. 2 size, 100, \$5.40; 1,000, \$49.60.



BERRY BOXES

Boxes are uniformly very light in color and the rim is scored all around so as to make square corners. This permits the boxes to fit snugly in the crate. The bottoms are stapled together, which makes a tight, rigid box. Prices: pints, 50, \$1.45; 100, \$2.50, postpaid; not postpaid, 1,000, \$17.00. Quarts, 50, \$1.70; 100, \$3.00, postpaid; not postpaid, 1,000, \$18.00; 500 at 1/2 the 1,000 price. See order blank for parcel post costs. Pints weigh 50 lbs. per 1,000 qts. 88 lbs. per 1,000.

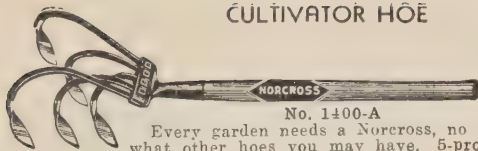
FABRIC CEMENT

For repairing permanently awnings, grain bags, burlap bags, tents, binder canvas or any canvas item. It is waterproof and it will not come off with washing. Just spread an even coat on the material to be repaired and on patch and press firmly together. We use this material in patching all of our grain bags and highly recommend it. Prices, 6-oz. bottle, \$1.00, postpaid; 16 oz., \$2.00, by mail, \$2.30; 32 oz., \$3.70, by mail, \$4.00. Gallon, \$13.00, plus postage.



L. L. OLDS SEED COMPANY — MADISON 1, WISCONSIN

CULTIVATOR HOE



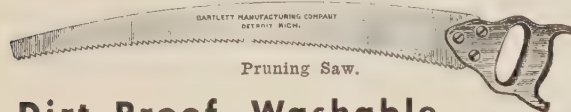
No. 1400-A
Every garden needs a Norcross, no matter what other hoes you may have. 5-prong, 4-foot handle. Price, \$2.65; by mail, \$2.90, postpaid.

WEEDER, MULCHER and CULTIVATOR 3 TOOLS IN ONE

GARDENING IS EASIER WITH A BARKER

The BARKER cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes.

No. 1A—8-inch Barker. 8-inch cut. A favorite in the family garden. Weight, 15 lbs. Each, by express f. o. b. Madison, \$11.50.
No. 2A—10-inch Barker. Weight, 18 lbs. Each, by express f. o. b. Madison, \$13.00.



Pruning Saw.

HAND PRUNING SAW

No. 120B. An excellent high quality hand pruning saw. 18-inch blade with teeth on the concave edge. Each, \$3.45, by mail, \$3.70.

POLE TREE TRIMMER

No. 1-R. An excellent tool for trimming limbs measuring up to one and one-half inches in diameter or less. Has a compound lever head with a hook and slide lever. The rod crosses the pole dividing the strain on each side of the pole, which keeps the pole straight and stiff. Shellacked ten foot pole. Longer poles available at a slightly higher price. Price: By express, f. o. b. Madison, \$12.10.



A finger tip valve control nozzle providing quick adjustment from the softest mist to a powerful jet. Made of light weight non-corrosive, durable material. Each, \$1.45.



Just a Twist
of the Wrist

Germaco TWIST-EMS

Pat. Pend. T.M. Reg.
U. S. Pat. Office.
Help You To Support
Plants Quickly. Neatly,
Permanently.

Say "goodbye" to unsightly twine and raffia, to needless work with shears. Say "hello" to TWIST-EMS, to gardening fun, to lovely plants neatly and properly supported. TWIST-EMS—strong, dark-green "invisible" tapes with wire reinforcing—protect stems, permanently supports annuals, perennials, shrubs, and vegetables. Grand for flower arrangement. Millions used by successful nurserymen, professional and amateur gardeners. Prices: Trial box of 50, 8-inch size, 15c; box of 100, 8-inch size, 25c; box of 100, 16-inch, for bunching vegetables, 50c, postpaid.

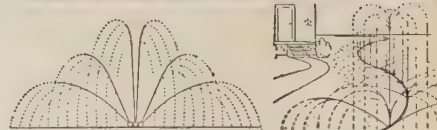
MASTERS HANDI-CART THE SUCCESSOR TO THE WHEELBARROW

The De Luxe Handi-Cart is the finest cart on the market in every detail. It is made of heavy gauge steel with all welded seams heavily reinforced, and is recommended for heavy duty work. 11-inch wheels have semi-pneumatic rubber tires with 1½-inch tread. Tubular steel, rubber gripped handles with three supporting legs. Capacity, 3½ cubic feet. Model 20-D De Luxe, shipping weight, 85 pounds. Each, by freight or express f. o. b. Madison, \$14.50.

Model 53-S. Not as heavy as the Model 20-D. Has single leg, crossbar type handle, and 10½-inch wheels with 1½-inch tread. Model 53-S, shipping weight, 25 pounds. Each, by freight or express f. o. b. Madison, \$9.75.

Model 20-D Handi-Cart

POSITIVE LAWN PROTECTION



RAINFALL WHERE YOU WANT IT WITH POSITIVE LAWN PROTECTION ALWAYS LIES FLAT

Because of its patented triple tube construction, the Supplex flexible sprinkler is wider than it is high: it must always lie flat in use, even when curved around irregular areas or up and down grades. Since the holes are on the upper side only, it stays upwardly only, at exactly calculated angles to provide perfectly even coverage along its entire length. It can never wash out loam or seeds. It puts "water" where you want it, sprinkles when the holes are up and soaks when turned over. Ideal for hilly, terraced ground, along walks, between vegetable rows. Price: Supplex Flexible Sprinkler No. 600T, 25 foot length with storage reel, \$3.98, postpaid. No. 1000T, 50 foot length with storage reel, \$5.98, postpaid.

MARTINDALE PROTECTIVE MASKS

One of the most popular of all respirators.

Made of aluminum weighing only one-half ounce. Filter pad is non-absorbent cotton web between one layer of cotton gauze and with the other side cotton web with sizing material to hold it firm. Complete protection against non-toxic, non-vaporous, or gaseous dust such as flour, grains, seeds, straw, hay, tobacco, etc. Prices: 10A Protective Mask, each, 45c, postpaid. 11A No. 1 refill filters in a package of 25, 65c, postpaid.



V-4A GRASS SHEAR

A smooth shearing shear with cutlery steel polished blades and enamel malleable iron handles. Each, \$1.40; by mail, \$1.75, postpaid.

VITAMIN-HORMONE STIMULANTS TRANSPLANTONE

Transplantone, the hormone-vitamin powder for stimulating roots in transplanting. Makes shrubs, trees, and plants in general, take root faster. Produces earlier maturity and larger crops when used on tomato, cabbage, celery, lettuce, tobacco, and sweet potato plants. Prices: ¼-oz. pkt., 25c; 3-oz. can, \$1.00; 1-lb. can, \$4.00, by mail, \$4.20.

ROOTONE

Rootone, the plant hormone powder, for cuttings, seeds, tubers and bulbs. Just dip the base of the cutting or slip in Rootone, set in sand, and the roots will grow faster and bigger. By dusting seed with Rootone, seedlings grow faster and more uniformly, producing stronger plants and better crops. Prices: ¼-oz. pkt., 25c; 2-oz. jar, \$1.00; 1-lb. can, \$5.00, by mail, \$5.20.

FRUITONE

Blossom Spray for Better Fruit, Fewer Seeds.

This plant hormone spray will help develop a better set and a bigger crop of tomatoes. If the spray hits the blossoms after blooming and before pollination, the tomatoes will be seedless. Simple and easy to use. Fruitone also helps grow big berries and berry-bearing shrubs and stops pre-harvest drop on fruit trees. Prices: 2½ oz. makes 5 gallons, 25c; 2 oz. package makes 25 gallons, \$1.00.

ROSETONE

Rosetone is a proven combination of Hormones and Vitamins. It insures the success of your roses. Soak roots of bushes in Rosetone before planting. Water your established rose bushes for better growth. Prices: ½-oz. packet, 25c; 3-oz. package, \$1.00, postpaid.



No. 119 Garden Plow

PLANET JR. NO. 119 GARDEN PLOW

The Most Popular Home Garden Plow

Easy-running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1 1/2 inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. Weight, 18 lbs. Price: Express f. o. b. Madison, \$9.50.

PLANET JR. NO. 4 COMBINED SEEDER

No. 4 Combined Hill and Drill Seeder, Wheel Hoe Cultivator and Plow. Complete, as shown in cut. Weight, 50 lbs. Prices, by freight or express f. o. b. Madison, \$34.95. No. 4D Seeder only, \$27.95. Weight, 41 lbs.

No. 300 Seeder. For hand or to attach to tractor. Operates with plates. Weight, 55 lbs. Price, express, f.o.b. Madison, \$36.95.



No. 4 Combined Seeder

POLE SAW



Pole Saw and Socket.

No. 100B. Malleable iron socket with inside diameter of 1 1/4 inches. Socket has a hook for pulling down the branches. Price: Socket only, \$1.90; by mail, \$2.10, postpaid. Blades only: 16-inch, \$3.25, postpaid; 18-inch, \$3.45, postpaid. Socket and 16-inch blade, \$4.75; by mail, \$5.15, postpaid.

AIRWRAP

Produce new trees and shrubs from your old plants in a few weeks.

No. 760. The air-layering method of plant propagation is well known and widely used among professional horticulturalists. With it they are able to grow in a number of weeks, large plants having precisely designed characteristics that would otherwise take years to produce. The method basically consists of making a branch of a tree, vine or shrub produce a root system while still attached to the parent tree from which it gets vital support. When the branch develops a sufficiently strong root system, it is cut off and planted. Thus a new tree, shrub or vine is born.

The Airwrap kit permits the unskilled gardener to use this method without fear of failure as all the necessary materials are included with the kit along with simple directions for a guide. Kit contains five sheets of Airwrap, 8 by 9 and 1 sheet 9 by 27. Sphagnum Moss and 10 heavy duty Airwrap end ties and directions. Price: \$1.95, postpaid.

Please Note: Postage table for figuring postage on items priced, plus postage will be found on the order blank.



PLANET JUNIOR GARDEN TRACTOR

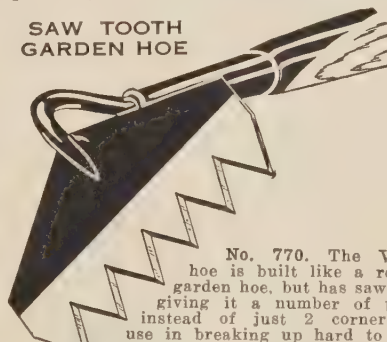
Super Tuffy

Here is the answer to the home owners outdoor power plant. It does most everything and is easy to handle and fun to use. Sturdy, compact, and dependable, it will surprise you in the way that it will accomplish all types of outdoor work. Light enough for any member of the family and with many different attachments, it will do a lot of work in a short time. A simple pin hitch allows for quick easy change of attachments without the use of tools. 1 1/2 H.P. engine with built in rope starter. Wheels 14 inch with 2 3/4 inch tire. Spaced at 13 inch center to center. Belt and chain drive, throttle and clutch controls on handle. Weight 90 pounds. Descriptive folder mailed upon request. Prices: f. o. b. Madison, Wisconsin. SUPER TUFFY 1 1/2 H.P., \$143.50. CULTIVATOR as shown No. 1A, \$9.50. Attachments available. Seeder, snowplow, grader, rotary tiller, lawn mower, fertilizer spreader, cart. Also disc, hoes, teeth and pulverizers for 1A Cultivator.

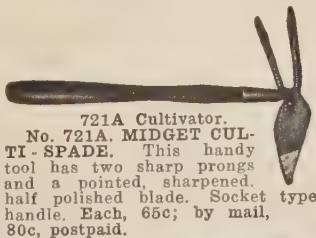
SCARE-AWAY

The Modern Scarecrow. Protects gardens, orchards, and berry patches from destructive birds and small wild animals. Scientifically designed fifteen inch metallic strips drive out garden marauders with a frightening combination of crackling noise, flashing light, and fluttering motion. Easy to hang from string or wire. Tested and approved by reliable garden authorities. Ten strips of Scare-Away will protect a plot twenty feet by twenty feet. Price: Package of 10, 25c; two packages, 45c, postpaid.

SAW TOOTH GARDEN HOE



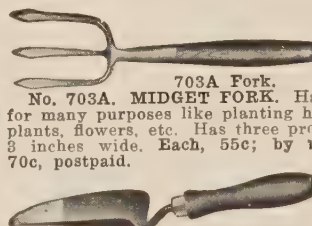
No. 770. The V cut hoe is built like a regular garden hoe, but has saw teeth giving it a number of points instead of just 2 corners for use in breaking up hard to work soil or clumps of sod. If you have heavy soil or sod, you will like this tool. Each, \$2.25; by mail, \$2.50, postpaid.



721A Cultivator. No. 721A. MIDGET CULTI-SPADE. This handy tool has two sharp prongs and a pointed, sharpened, half polished blade. Socket type handle. Each, 65c; by mail, 80c, postpaid.



741A Transplanting Trowel. No. 741A. GARDEX TRANS-PLANTING TROWEL. High carbon steel blade. Half polished. Sharpened point. Shank forged on to the blade. Blade 2x5 1/2 in. Each, 85c; by mail, \$1.00, postpaid.



703A Fork. No. 703A. MIDGET FORK. Handy for many purposes like planting house plants, flowers, etc. Has three prongs, 3 inches wide. Each, 55c; by mail, 70c, postpaid.



No. 740A. GARDEX TROWEL. High carbon steel blade. Half polished, round point, sharpened. Shank forged on to blade. Blade 3 1/4 x 5 1/2 in. Each, 85c; by mail, \$1.00, postpaid.

No. 750A. MIDGET TOOL ASSORTMENT. One each of the four Midget tools, \$2.70, by mail, \$3.10, postpaid.



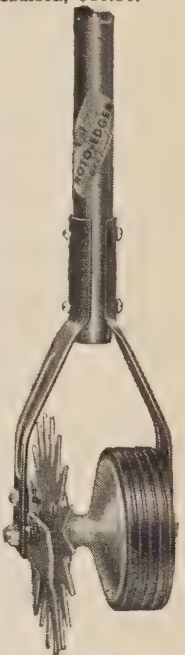
The Cyclone Power Seed Sowers can be used any place a tractor can be driven. Attached with just 3 bolts. Has instant feed shut-off. The model S-1 operates from the power take-off by means of a rugged, half-inch flexible shaft. Agitator insures even distribution of commercial fertilizer, grain and grass seed including Brome. Capacity 1 bushel. Cyclone Power Seeder Model S-1 Price: By freight or express f. o. b. Madison, \$50.70. Model S-3 Capacity 3 bu., \$61.00.

CYCLONE POWER SEEDER. MODEL M-1. Of the same general construction as the S-1. It is equipped with a motor and is electrically powered from the battery. Distributes pellet fertilizer as well as smooth grass seed accurately and economically. Capacity 1 bushel. Price: By freight or express, f. o. b. Madison, \$40.50.

ROTO-EDGER

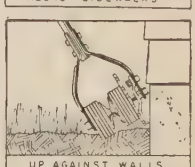
THE TOOL THAT GIVES A GOOD CLEAN TRIM

An outstanding all purpose shearing tool for edging, trimming, and shearing along sidewalks or curbing, around stepping stones, trees, against fences, walls and buildings and flower beds. The fully adjustable self sharpening scissor action shears operate right or left hand. The mechanical shearing principle of opposing compression spring knee action can be adjusted for proper tension and is ruggedly constructed of the finest materials available for long use. Rubber tired wheel rolls easy on cement or grass. Handle 48 inches long of high gloss maroon finish. For a well kept lawn, this tool is as necessary as a lawn mower. Available in two models. Prices: Model #20B, each \$5.45, postpaid. Model #30B Deluxe, has dual wheels giving greater traction. Recommended for the professional gardener, each \$6.45, postpaid.



LADIES HAND PRUNER

No. PJ-1. Light Weight, aluminum alloy, snub nosed, 6 1/2 inch Pruner with cutlery steel blade. Weighs only 5 ounces. Each, \$2.40, postpaid.





CORN PLANTER No. 306A

Will plant up to six acres per day. All working parts steel including stripper. No brushes to wear out or heavy cast iron to carry. Same as No. 308A but without Fertilizer Attachment. (Wt. 4 lbs.) Each, \$4.90, plus postage.

CORN PLANTER WITH FERTILIZER ATTACHMENT No. 308A

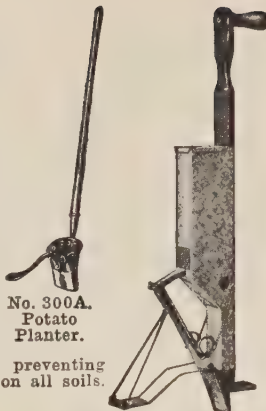
An accurate, time-saving combination. Adjustable to any quantity desired. No contact between corn and fertilizer. No clogging or cracking. Our most popular seller. (Wt. 5 lbs.) Each, \$6.90, plus postage.

CORN PLANTER No. 311A

A very popular type of corn planter that will also plant peas and beans. Operates automatically, accurately and easily. Adjustable gauge and seed drop. (Wt. 4 lbs.) Each \$6.25, plus postage.

POTATO STICK PLANTER No. 300A

Jaws of special rolled steel treated with rust preventing solution. Has malleable iron trip lever. Effective on all soils. (Wt. 3 lbs.) Price: \$2.80, plus postage.



No. 300A.
Potato
Planter.

No. 311A
Corn Planter

No. 308A With Fert. Att. 1523A—GARDEX CULTIVATOR AND WEEDER



Cultivate and weed with only one tool. An important tool for every gardener. Three-prong cultivator loosens soil thoroughly while the weeding blade cuts off weeds quickly. One tool for two purposes. Three prongs 4 1/2 inches wide. Weeding blade 4 inches wide. Each, \$2.29; by mail, \$2.55, postpaid.



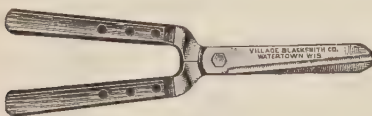
HORN SEEDER

Horn Seed Sower. Fits together like a telescope. Has patented improved feed gauge. Sows all small seeds any desired amount per acre and you can depend upon the feed gauge. No. 902A. Each, \$1.60; by mail, \$1.75, postpaid.



CYCLONE SEEDER

The Cyclone has a national reputation as a high-grade seed sower. It is built, not for cheapness, but for durability and accurate work. Scatters seed evenly and may be quickly adjusted for different seeds. No. 900A—Each, \$4.30; by mail, \$4.60, postpaid.



V-1A Hedge Shear.

V-1A. HEDGE SHEAR

The 8 1/2-inch tempered tool steel blades are fully polished on both sides. Hand fitted for smooth, comfortable action. Hardwood handles are lacquered and riveted to a full width tang with three oversized, double strong rivets. Each, \$3.50; by mail, \$3.90, postpaid.



NO. 8A ALLIGATOR PRUNING SHEARS

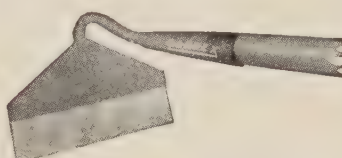
An easy operated hand pruning shear with hardened and tempered cutting blade. Constructed long and narrow for hard-to-get-at places. Hands cannot be pinched while operating shears. Orange colored for easy finding. Price: Each, \$1.75; by mail, \$1.95, postpaid.

NEW CLIPPER MILL M2B

An all metal Clipper that offers features that for many years have been used with success in their line of industrial seed cleaners. Built to the same high standards of craftsmanship that made the Clipper the leader among the farm cleaners. The all metal machine has traveling screen cleaning brushes under both screens and many new improvements in design. Will give up to 25 per cent more capacity at a lower cost and will do a better job. Price: with traveling brushes, bag elevator and 8 screens f.o.b. Madison, Wisconsin, \$209.50. For further information, write for free folder.



No. 165A
Graswip.



9027A NURSERYMEN'S HOE

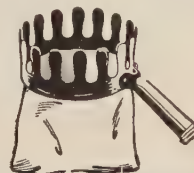
High carbon steel blade sharpened on three sides, seven inches in width, four and one-half foot handle set in a socket which gives the handle strength where strength is needed. Price: Each, \$1.89; by mail, \$2.15, postpaid.

GRASWIP NO. 165A

Cut your grass without stooping. Swings like a golf stick. Sharp edge on each side of blade. The handiest tool to cut grass on steep terraces and under shrubbery. Each, \$2.15; by mail, \$2.35, postpaid.



No. 7 Picker.

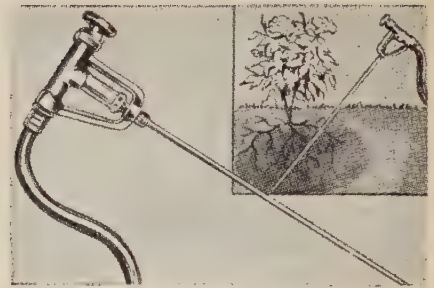


No. 8 Picker.

FRUIT PICKERS

No. 8B Picker. Made of sturdy steel stamping, stiff enough to remove fruit without injury. The socket for fastening the pole is welded to the main frame of the picker and the tool can be furnished complete with pole or head only. Attached to the metal framework is a nine inch cotton bag. The standard pole is 12 foot, but can be supplied in 6 foot length if desired. Price: No. 8, head only, \$1.75; by mail, \$2.00, postpaid; with 12 foot pole by express f. o. b. Madison, \$3.50.

No. 7B Picker. Similar to the No. 8, but instead of stamped metal it is made of heavy wire. Has 6 foot pole. Price: No. 7, head only, \$2.25; by mail, \$2.50, postpaid; with 6 foot pole, \$3.00, express f. o. b. Madison.

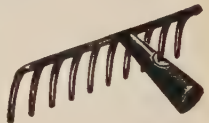


ROSS ROOT FEEDER

No. 11A. ROSS ROOT FEEDER. A scientific tool that feeds as it waters right to the roots in one simple process. You can fertilize and water at the same time or you can just water. Especially fine for roses, shrubs and trees. Simple, easy to use. Nothing to get out of order, and lasts for years. For watering just attach to the hose. For fertilizing place a cartridge in the chamber, attach to hose and turn on water. Push in the ground to desired depth. Price: Ross Root Feeder, \$4.95, postpaid; Fertilizer Cartridges, (8-16-8) for most plants, shrubs and trees, 12 for \$1.10, postpaid.

No. 251A—GARDEX CURVED TOOTH RAKE

You will not lose your temper with this all steel T shaped rake. It will get into the smallest spaces around shrubbery and is nicely balanced. The handle is set in a socket which does not allow the handle to wobble. Ideal for both lawn and garden. Long strong handle. Each, \$1.98; by mail, \$2.35, postpaid.



No. 730A HOE

Try it, hoeing delicate perennials, shrubs, garden crops—you'll never go back to the ordinary hoe. "V" blade permits close work without injury to plant. Amazingly efficient, light, and strong. Sharp, tempered carbon steel blade, spring steel shank. Length of hoe, 52 inches. If not pleased in ten-day trial, return it for money back! Each, \$1.85; by mail, \$2.10, postpaid.

THE ALL PURPOSE

DIFFERENT HOE

WEED OR ASPARAGUS KNIFE

No. 706A. Steel v-point blade and shank, 15 inches overall. Each, 65c; by mail, 80c, postpaid.

GRASS HOOK No. 3A

A fine quality off-set grass hook with polished, tempered tool steel blade. Well-shaped maple handle, securely riveted. Built to last. Each, \$1.05; by mail, \$1.25, postpaid.



VIGORO SPREADERS

Save time, effort, and material in seeding and feeding your lawn and obtain more uniform application by using a VIGORO PLANT FOOD SPREADER.

Model BE. Just the right size for the small home owner. Spreading width 18 inch, hopper capacity 25 pounds. Sturdy but light weight with rubber tires. Convenient size for the lady gardener. Price, by freight or express, f. o. b. Madison: \$9.95. Shipping weight, 15 lbs. If wanted by mail include postage for 15 lbs. to your zone.

Junior Spreader. Larger than the Model "BE" with a capacity of 50 to 60 lbs. 18 inch spreading width. Price, by freight or express, f. o. b. Madison: \$12.60. Shipping weight, 25 lbs.

Standard Spreader. Semi-professional rubber tired model with 24 inch spreading width, capacity 80 to 90 lbs. Price by freight or express, f. o. b. Madison: \$21.25. Shipping weight, 42 lbs.



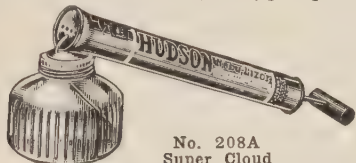
Model BE
Spreader.

HUDSON PERFECTION SPRAYER NO. 310B

Has Simplex Inner Seal, which uses the first two pounds and all the pressure following to lock the cover tightly against any leaking and uses the pressure to increase the strength of the tank itself, top, bottom, and sides. The pump is a separate unit, and not removed when filling, emptying, or cleaning the tank. The four-gallon tank is galvanized sheet. Completely seam welded. Discharge equipment has 3/4 inch high pressure, spray proof hose, 42 inches long. Solid brass control valve with fingertip lock open feature for continuous discharge. 24-inch brass extension spray tube with all angle spray nozzle. Shipping weight, 11 lbs. Price: \$15.27, plus postage.



Hudson Favorite No. 9A Sprayer.



No. 208A Super Cloud

208A. A handy glass jar, 1/2 pint, 4 jet spray nebulizer. Each, 43c, by mail, 65c, postpaid.



Hudson 310B Sprayer.

HUDSON BUGWISER SPRAYER

No. 220B. Our low-priced pressure sprayer. A 3 gallon galvanized built-in Saf-T-Loc funnel type top compression sprayer. It is an efficient, economical sprayer for the small home and garden. Nozzle adjusts to any type spray. Shipping weight, 8 lbs. Price: \$7.89, plus postage.



HUDSON FAVORITE SPRAYER NO. 9-A

The finest light-weight 2 gallon home sprayer. Galvanized steel tank, 7 1/2 x 11 inches. Has Saf-T-Loc design, easy to seal, safer and easier to open. Roto Valve for easy spraying at any angle. Nozzle adjusts from fine mist to long distance spray. Has Nu-Action pump and 5 ft. of 3/4 inch plastic hose with plenty of reach for easy working. Brass extension rod. Shipping weight, 7 lbs. Price: \$9.49, plus postage.

HUDSON CLIMAX NO. 335A

Built like the No. 310B with all the Simplex Inner Seal features. Not as heavy and capacity is only 3 1/2 gallons. Shipping weight, 10 1/2 lbs. Price: \$13.56, plus postage.

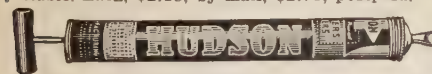
HUDSON LEADER NO. 293B

This sprayer is excellent for spraying 2,4-D on lawns. 3 1/2-gallon capacity. Has the Saf-T-Loc top. Well constructed and recommended for general use. Shipping weight, 9 lbs. Price, Each, \$10.55, plus postage.



NO. 766C HUDSON ADMIRAL DUSTER

Volume of discharge ranges from a very fine to a heavy cloud. Special plunger provides powerful air blast which drives through powder, agitating it thoroughly. Duster is equipped with 21-inch extension tube and nozzle instantly adjustable. Each, \$2.43, by mail, \$2.75, postpaid.



NO. 673 CADET DUSTER

A very easily operated duster that will discharge a uniform pattern of any dry powder insecticide. Powder reservoir, 1 1/2 x 6 inches, has a large filler cap. Overall length of tube 13 inches. Each, 66c, by mail, 90c, postpaid.

HUDSON CONTINUOUS SPRAYER



No. 433. Produces a very finely divided continuous spray without streaming. Spray can be adjusted by turning nozzle. Holds a quart. Brass syphon tube. Each, \$1.72, by mail, \$1.95, postpaid.



SUPER MISTY SPRAYER

No. 444B. A universal favorite for household, farm, restaurant, hotel and school use. Provides more spray with fewer strokes.

27 oz. container, each, 75c; by mail, \$1.00, postpaid.



GLASS JAR SPRAYER

No. 428. A continuous type sprayer with two way nozzle. Detachable jar is impervious to corrosion. Easy to clean, fill, and empty. 24-ounce capacity. Fruit jar thread. Price: Each, \$2.15, by mail, \$2.35, postpaid.

STAUFFER KNAPSACK DUSTER No. 1A



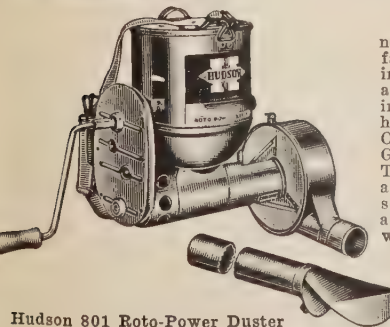
Straps on your back and is operated by a hand lever. Easy to fill, carry, operate and clean. Adapted for dusting ground crops, grapevines, berries, shade and fruit trees. Will handle any insecticide in dry powder form. Will discharge dust in exact volume required. Flexible hose has metal extension and fan nozzle. Price: Express f. o. b. Madison, \$36.90. Shipping weight, 16 lbs.

NEW HUDSON ROTO-POWER 801 DUSTER

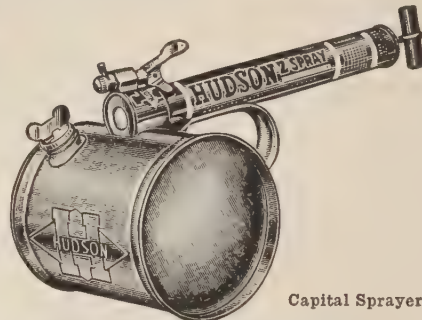
The 801 offers dusting efficiency and ease of operation never before possible in anywhere near its extremely favorable price. Has agitator in the hopper for even flow in the mixing tube. The whirlwind beater whips dust and mixes it with the air and feeds the combination into a fan chamber. The multi-blade fan blasts dust at high penetrating velocity through the discharge tube. One turn of the crank produces 41 fan revolutions. Gears turn in oilite bearings and dust-tight housings. The fan case is fully rotatable for front or rear dusting at any angle. Has fingertip feed adjustment for any setting from 5 to 30 lbs. per acre. Holds 8 lbs. of average dust. Price, with three 15-inch tubes and nozzle, weight 16 lbs., \$24.88, plus postage.

HAND GRAIN SCOOP

Well constructed of heavy galvanized iron, measuring 10 inches in length and 5 1/2 inches in diameter. The handle is on top of the scoop. Price: Each, by mail, \$1.40, postpaid.



Hudson 801 Roto-Power Duster



Capital Sprayer.

No. 438B. A compression and continuous sprayer in one unit which meets perfectly the needs of a small home owner for an all-purpose sprayer. Holds 3 quarts. Price, each, \$4.05; by mail, \$4.40, postpaid.

APPLY

*Fertilizers...
Weed Killers*



THE EASY WAY

LET WATER DO THE WORK!



GRO-GUN

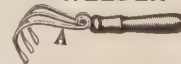
Garden Hose
SPRAYER for
Spraying Big
Volume Fast—

THE EASY WAY: WATER PRESSURE DOES THE WORK! Takes the back-break out of spreading fertilizer. Using a Gro-Gun like a nozzle on the garden hose, you can spread the popular liquid fertilizers or water soluble plant foods, then water them in, in one simple operation. You can fertilize an average lawn in only 13 minutes!

USE LIQUID OR POWDER—Any fertilizer or spray material you mix with water to apply. Capacity is 20 gallons with quart mason jar furnished, 40 gallons if customer replaces with 1/2 gallon jar. Dual cap; fits both mason jars and narrow neck bottles. Use for tree spraying, applying lawn treatments, etc. Gro-Gun gives thorough, even application with no mist or side spray. No moving parts, one-finger control, cleans in 30 seconds, is fully guaranteed. Price: \$2.95, by mail, \$3.20.

No. 4A. The handiest, little all-around weeder to be had. Three times. Nine inches long. Each, 50c, postpaid.

MAGIC WEEDER



Please Note: Postage table for figuring postage on items priced, plus postage will be found on the order blank.

DESTROY RATS WITH WARFARIN

Eliminate the rat and mouse problem with this new amazing chemical. Unlike any other rat killer this works slowly taking several days to knock out a rat. Because of the delayed death rats and mice don't become suspicious of the bait. They keep eating the tasteless, odorless material until enough has been consumed to cause a painless, gentle death. Remains continually in effect to keep stray rats from rebuilding the population. One-half pound of our **BANARAT** containing Warfarin Premix will make ten pounds of bait. Prices: 1/4 lb. (makes 5 lbs. bait), \$1.75; 1/2 lb. (makes 10 lbs. bait) \$3.00, postpaid.

WARFARIN RATUNNL

The package is so designed, which contains the Warfarin pellets, that it can be extended like a telescope to three times its length. By punching out the windows on the sides you have a ready to use feeding station. Each Ratunnl contains one pound of Hopkins Warfarin ready mixed pellets. Price each, \$1.25; 3 for \$3.50, postpaid.

READY-TO-USE WARFARIN BAITS

These are prepared baits ready to use. Fine for city homes where just a few baits are needed. Prices: 4-oz. pkg. ready-to-use baits, 50c pkg., postpaid; 1-lb. pkg. ready-to-use baits, \$1.00, by mail, \$1.15; 1 lb. ready-to-use meal, 80c; by mail, \$1.00, 5 lbs., \$2.85, plus postage.

CYANOOGAS

CYANOOGAS "A" DUST. A powerful dust that forms a deadly gas when exposed to the air. Kills ants, rats in burrows, ground hogs, prairie dogs, mice, gophers, woodchucks, ground squirrels, and hornets. NOT MAILABLE. By express or freight. Prices: 1-lb. can, \$1.25; 5-lb. can, \$4.25; 25-lb. can, \$13.75; 100-lb. can, \$31.00. Write for leaflets.

CYANOOGAS "G" FUMIGANT. A positive fumigant for greenhouses, mushroom houses, warehouses, flour mills, grain and seeds, and soil sterilization.

NOT MAILABLE. By express or freight. Prices by express f. o. b. Madison: 4-oz. spouted can for ants, 50c; 5 lbs., \$4.25; 25 lbs., \$13.75; 100 lbs., \$34.50.



JONES ANT KILLER

Kills all Ants

GUARANTEED EFFECTIVE

This popular ant exterminator removes the ants from the house in a wholesale manner, and in a sanitary way. Not a spray or a powder, but a liquid ant food to which all kinds of ants are attracted. Stainless and odorless, easy to use, and does not leave any unsightly mess around the house. Just pour a small amount into bottle caps and place them where you see the ants. Prices: 1/2 oz. size, 15c; 2 oz. bottle, 25c, postpaid.

CYANOOGAS FOOT DUSTER

A powerful foot duster for Cyanoogas "A." Shipping weight, 9 lbs., Price each, \$15.00, plus postage.

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HERE

L. L. Olds Seed Co.

MADISON 1,

WISCONSIN

PLEASE SIGN NAME AND ADDRESS PLAINLY

FROM _____

POSTOFFICE _____

R. F. D. _____ STATE _____

OLDS' NORTHERN GROWN ROSES

Hybrid Tea Roses

While the Hybrid Tea Roses are none too hardy in the North, nevertheless they give a wealth of bloom the first year planted that well repays the cost. It is very advisable to cover them well, or hill up with soil, in the North, to carry them through the winter. Our stock is hardy northern 2-year field grown.

CALEDONIA. Continuous bloomer. Long pointed buds opening to large, very double snow white blossoms on long stems. One of the very best whites. Each, \$1.90; 3 for \$5.50; 6 for \$10.75, postpaid.

CHRISTOPHER STONE. We consider the Christopher Stone one of the very finest of red varieties of Tea Roses for the northern garden. It is hardy, vigorous, upright in growth, and very free flowering. Flowers are bright velvety scarlet red of exquisite form which stands heat. Each, \$1.90; 3 for \$5.50; 6 for \$10.75, postpaid.

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CHARLOTTE ARMSTRONG (Plant Patent 455). Long slender carmine buds which open to deep cerise. Quantities of flowers on long stems. Each, \$2.50, postpaid.

COUNTESS VANDAL. The long slender buds first show a brilliant bronze, to gold at the base and unfold to a lovely carmine pink, buff and gold. Buds hold their shape for several days as petals open. Each, \$1.90; 3 for \$5.50; 6 for \$10.75, postpaid.

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EDITOR McFARLAND. One of the best pink roses ever introduced. The fragrant pink flowers are produced on long, strong, fine stems for cutting. Very free bloomer. Each, \$1.90; 3 for \$5.50; 6 for \$10.75, postpaid.

PEACE (Plant Patent 591). Buds open yellow with edges cerise. The 5 to 6 inch blooms are a creamy yellow with a flush of pink when opened. Considered the world's most beautiful rose. Each, \$2.50, postpaid.

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This type of rose is the hardiest of all roses and will winter through our northern climate without protection. Because of their ability to weather through the Northern U. S. and Canada and thrive and bloom so abundantly, they are being called "Eskimo Beauties." They are entirely free of insects or disease. Should be pruned severely each season.

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PAUL'S SCARLET. In our estimation the finest red climbing or pillar rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. Blossoms for a long season. Each, \$1.90; 3 for \$5.50, postpaid.



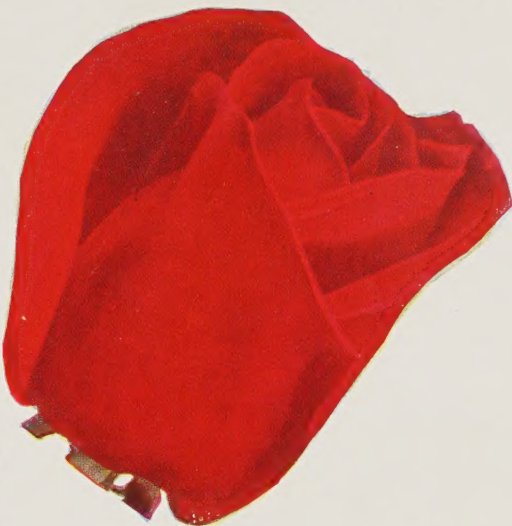
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Editor McFarland.



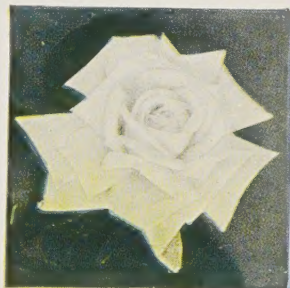
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